



STIC Search Report

EIC 2600

STIC Database Tracking Number: 169919

**TO: Scott Beliveau
Location: Knox 6A01
Art Unit : 2614
Tuesday, October 31, 2005
Case Serial Number: 09/853137**

**From: Virgil Tyler (ASRC)
Location: Knox 8B68
EIC 2600
Phone: 571-272-8536**

virgil.tyler@uspto.gov

Search Notes

Dear Examiner Beliveau,

Please find attached the search results for 09/853137. I used the search strategy I emailed you to edit, which, you did. I searched the standard Dialog files, IEEE, DTIC, INSPEC, ACM and the Internet.

If you would like a refocus search, please let me know.

Thank you!



STIC Search Results Feedback Form

EIC 2600

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Pamela Reynolds, EIC 2600 Team Leader
571-272-3505, Knox 8B59

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 2663

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2600 Knox 8B59



File 2:INSPEC 1898-2005/Oct W4
(c) 2005 Institution of Electrical Engineers
File 6:NTIS 1964-2005/Oct W4
(c) 2005 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1970-2005/Oct W4
(c) 2005 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W4
(c) 2005 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2005/Oct
(c) 2005 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Oct W4
(c) 2005 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2005/Aug W4
(c) 2005 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2005/Sep W4
(c) 2005 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Sep
(c) 2005 The HW Wilson Co.
File 144:Pascal 1973-2005/Oct W4
(c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c) 2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Oct 28
(c) 2005 ProQuest Info&Learning

Set	Items	Description
S1	722889	(COMMUNICATION OR INTEGRA?) (3N) (DEVICE?? OR UNIT?? OR SYST-EM?? OR LINK??)
S2	426096	TRANSMITTER?? OR TRANSMIT??? OR TRANSCEIVER??
S3	323326	RECEIVER?? OR RECEIVER?? (3N) SPEAKER
S4	1501922	WIRELESS OR WIRELESS (3N) (LINK?? OR LAN) OR WIRELESS OR REM-OTE?? OR REMOTE() CONTROL? OR CELLULAR
S5	29689	BLUETOOTH OR USB OR WAN OR IEEE (3N) 802() 1???? OR (BLUETOOTH OR USB OR IEEE (3N) 108() ????) (10N) (BUS OR NETWORK)
S6	5578	WIRELESS (3N) (TELEPHON? OR MOBILE() TELEPHON? OR MOBILE() TEL-EPHON?() NETWORK??)
S7	190284	(CHANNEL?? OR FREQUENC? OR PRE() SELECTED() FREQUENC? OR FRE-QUENC?() RE() USE OR FREQUENCY() REUSE) (5N) (SIGNAL? OR (AUDIO OR VIDEO OR DATA OR INTERCOM) (3N) SIGNAL?)
S8	5543	(AIRCRAFT?? OR AIRPLANE?? OR HELICOPTER?? OR SPACE() SHUTTLE OR JET?? OR CONCORDE OR AIR?() BUS) (3N) (SEAT? OR CHAIR??)
S9	321	(ATLEAST() ONE OR ONE OR 1 OR PRIMARY OR SINGLE OR UNITARY) - (3N) S8
S10	366	(SECOND? OR TWO OR ANOTHER OR OTHER OR NEXT) (3N) (SEAT OR C-HAIR) (3N) S8
S11	0	(PLURAL? OR PLURAL? OR MANY OR NUMEROUS OR ARRAY?? OR MULTI OR MULTIPLE) (3N) (S9 AND S10)
S12	146	AU=(RYBERG, M? OR RYBERG M?)
S13	177874	(DISPARATE OR DIFFERENT OR SEPARATE OR DISSIMILAR OR DUAL - OR MULTIPLE?? OR PLURAL? OR MANY OR NUMEROUS OR ARRAY OR MULTI OR MIX???) (5N) (SIGNAL? OR RECEPTION)
S14	330500	(ATTACH? OR INSERT? OR CONNECT? OR INTEGRAL OR COUPL? OR I-NTERCONNECTED OR INTEGRAT? OR INCORP? OR ADJOIN? OR MOUNT?? OR MOUNTING OR FIXED) (3N) S1
S15	42887	(S1 OR S14) AND S2
S16	14474	S15 AND S3
S17	14474	S16 AND S3

S18	3528	S17 AND S4
S19	51	S18 AND S5
S20	0	S19 AND S6
S21	0	S19 AND (S8:S10)
S22	9	S19 AND S7
S23	2	S22 AND S13
S24	0	S23 NOT PY>2000
S25	7	S22 NOT S23
S26	1	S25 NOT PY>2000
S27	0	S18 AND (S8:S10)
S28	0	S16 AND (S8:S10)
S29	0	S15 AND (S8:S10)
S30	95	(S2:S6) AND (S8:S10)
S31	70	S30 NOT PY>2000
S32	1	S31 AND (S1 OR S14)
S33	0	S31 AND S13
S34	0	S31 AND S7
S35	0	S31 AND S12
S36	63	RD S31 (unique items)
S37	22	S36 AND S2
S38	0	S37 AND S3
S39	1	S37 AND S4
S40	9	S22 AND S5
S41	0	S40 AND S6
S42	21	S37 NOT (S26 OR S32 OR S39 OR S40)
S43	4	(S2:S6) (3N) (S8:S10)
S44	3	RD (unique items)
S45	3	S44 NOT PY>2000
S46	20	S42 NOT S43
S47	9	S46 NOT (STROKE OR SPOOL OR CRASH OR EJECTION OR COMFORT OR CUSHIONS)
S48	0	(S15:S19 OR S31) AND S12

26/3,K/1 (Item 1 from file: 99)
DIALOG(R) File 99:Wilson Appl. Sci & Tech Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

2062561 H.W. WILSON RECORD NUMBER: BAST00012718
Bluetooth transceiver consumes under 20 mW
AUGMENTED TITLE: model PH2401 from Philsar Semiconductor
Mannion, Patrick;
Electronic Design v. 48 no1 (Jan. 10 2000) p. 37
DOCUMENT TYPE: Product Evaluation ISSN: 0013-4872

Bluetooth transceiver consumes under 20 mW

ABSTRACT: The PH2401 Bluetooth transceiver by Philsar of Nepean, Ontario, Canada, is described. The transceiver achieves a power consumption of under 20 mW, is compliant with Class 2 and 3 of the Bluetooth specification, and features a receiver sensitivity of -84 dBm and a bit error rate of 0.1 percent. The highly integrated device contains an on-chip voltage-controlled oscillator, fractional-N synthesizer, power amplifier, intermediate-frequency filters, a received signal strength indicator, and a bit slicer.

DESCRIPTORS: Radio transceivers ; ...

... Bluetooth wireless communication standards;

32/3,K/1 (Item 1 from file: 6)
DIALOG(R) File 6:NTIS
(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1162850 NTIS Accession Number: AD-888 386/0

Parawing Aercab Feasibility Flight Demonstration

(Final technical rept. 17 Mar 69-16 Sep 70)

Speth, R. W. ; Rust, J. L. ; Coles, A. V.

Bell Aerospace Co., Buffalo, NY.

Corp. Source Codes: 029824000; 054000

Report No.: 2395-950001; AFFDL-TR-71-9

Aug 71 309p

Languages: English

Journal Announcement: GRAI8510

Distribution limitation now removed. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries);
fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A14/MF A01

... vehicle at various wing loadings was conclusively demonstrated using
manual flight controls operated from a **remote** radio control ground
station. The use of a simple closed loop gyro stabilization system to...

Descriptors: *Parawings; *Ejection **seats** ; * **Jet** fighters; *Aerospace
systems; Design; Feasibility studies; Jet engines; Aerodynamic
characteristics; Flight control **systems** ; Thrust; **Communication** and
radio **systems** ; Telemeter systems; Gyro stabilizers; Parachutes; Ejection;
Flight testing

39/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

0000247957 INSPEC Abstract Number: 1934B01701

Title: Wireless with the mount everest expedition, 1933 [with discussion]

Author(s): Richards, D.S.

Journal: Journal of the Royal Society of Arts 82 p.670-685

Publication Date: 11 May 1934 Country of Publication: UK

Language: English

Subfile: B

Copyright 2004, IEE

Title: Wireless with the mount everest expedition, 1933 [with discussion]

Abstract: The author obtained permission at the last minute to equip a small **wireless** expedition to accompany the main expedition and to provide the necessary communications between the base...

...the Darjeeling were supplied by Standard Telephones and Cables. The base camp equipment used a **transmitter** originally designed for use in **single** - **seater** fighter **aircraft** . Wave-lengths between 40 and 120 m. were used, but 60 m., it is stated...

40/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

06935947 E.I. No: EIP04288260145

Title: A dual-mode 2.4-Ghz CMOS transceiver for high-rate bluetooth systems

Author: Hyun, Seok-Bong; Tak, Geum-Young; Kim, Sun-Hee; Kim, Byung-Jo; Ko, Jinho; Park, Seong-Su

Corporate Source: Basic Research Laboratory ETRI, Daejeon, South Korea

Source: ETRI Journal v 26 n 3 June 2004. p 229-240

Publication Year: 2004

CODEN: ETJOFX ISSN: 1225-6463

Language: English

Title: A dual-mode 2.4-Ghz CMOS transceiver for high-rate bluetooth systems

Abstract: This paper reports on our development of a dual-mode transceiver for a CMOS high-rate Bluetooth system-on-chip solution. The transceiver includes most of the radio building blocks such as an active complex filter, a Gaussian...

...LO) generator, and an RF front-end. It is designed for both the normal-rate Bluetooth with an instantaneous bit rate of 1 Mb/s and the high-rate Bluetooth of up to 12 Mb/s. The receiver employs a dual-conversion combined with a baseband dual-path architecture for resolving many problems such as flicker noise, dc offset, and power consumption of the dual-mode system. The transceiver requires none of the external image-rejection and intermediate frequency (IF) channel filters by using...

...40 dB, an IIP3 of -5 dBm, and a sensitivity of -77 dBm for the Bluetooth mode when the losses from the external components are compensated. It consumes 42 mA in...

...s, 35 mA in receive GFSK mode of 1 Mb/s, and 32 mA in transmit mode from a 2.5-V supply. These results indicate that the architecture and circuits are adaptable to the implementation of a low-cost, multi-mode, high-speed wireless personal area network. 30 Refs..

Descriptors: *Transceivers ; CMOS integrated circuits; Wireless telecommunication systems ; Local area networks; Frequency shift keying; Demodulation; Signal filtering and prediction; Oscillators (electronic); Circuit theory; Quadrature phase shift keying

Identifiers: Radio transceivers ; RF integrated circuits; CMOS RF; Bluetooth ; Wireless personal area networks

40/3,K/2 (Item 2 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

06717606 E.I. No: EIP04078018179

Title: Implementation of a MIMO OFDM-based wireless LAN system

Author: Van Zelst, Allert; Schenk, Tim C.

Corporate Source: Telecomm. Technol. and Electro. Grp. Eindhoven University of Technology, Eindhoven, Netherlands

Source: IEEE Transactions on Signal Processing v 52 n 2 February 2004. p 483-494

Publication Year: 2004

CODEN: ITPRED ISSN: 1053-587X

Language: English

Title: Implementation of a MIMO OFDM-based wireless LAN system

Abstract: The combination of multiple-input multiple-output (MIMO) signal processing with orthogonal frequency division multiplexing (OFDM) is regarded as a promising solution for enhancing the data rates of next-generation wireless communication systems operating in frequency-selective fading environments. To realize this extension of OFDM with MIMO, a...

...synchronization, channel estimation, synchronization tracking, and MIMO detection. As a test case, the OFDM-based wireless local area network (WLAN) standard IEEE 802.11a is considered, but the results are applicable more generally. The complete MIMO OFDM processing is implemented in a system with three transmit and three receive antennas, and its performance is evaluated with both simulations and experimental test...

...expected tripling of the throughput was most likely not achieved due to coupling between the transmitter and receiver branches. 27 Refs.

Descriptors: *Orthogonal frequency division multiplexing; Wireless telecommunication systems; Local area networks; Signal processing; Fading (radio); Synchronization; Signal detection; Receiving antennas; Computer simulation; Transmitters; Signal receivers; Telecommunication links; Algorithms

40/3,K/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

06119415 E.I. No: EIP02357066349

Title: A 2 MHz GFSK IQ receiver for Bluetooth with DC-tolerant bit slicer

Author: Song, Bang-Sup; Cho, Thomas; Kang, David; Dow, Scott

Corporate Source: Dept. of Electrical and Comp. Eng. University of California, San Diego, San Diego, CA 92093-0407, United States

Conference Title: IEEE 2002 Custom Integrated Circuits Conference

Conference Location: Orlando, FL, United States **Conference Date:** 20020512-20020515

E.I. Conference No.: 59506

Source: Proceedings of the Custom Integrated Circuits Conference 2002. p 431-434 (IEEE cat n 02ch37285)

Publication Year: 2002

CODEN: PCICER **ISSN:** 0886-5930

Language: English

Title: A 2 MHz GFSK IQ receiver for Bluetooth with DC-tolerant bit slicer

Abstract: An IQ processor in 0.18 μ m CMOS implements Bluetooth low-IF functions at 2 MHz with 7th-order complex Bessel bandpass IF...

Descriptors: *Microprocessor chips; CMOS integrated circuits; Bandpass filters; Demodulators; Bit error rate; Frequency hopping; Frequency shift keying; Transceivers; Radio links; Data communication systems; Digital signal processing; Frequency response

Identifiers: Bluetooth receivers; Short-range wireless data links

40/3,K/4 (Item 4 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

05918037 E.I. No: EIP01436699510

Title: 2001 Digest of technical papers - IEEE international conference on consumer electronics

Author: Anon (Ed.)

Conference Title: 2001 Digest of Technical Papers -International Conference on Consumer Electronics

Conference Location: Los Angeles, CA, United States Conference Date: 20010619-20010621

E.I. Conference No.: 58552

Source: Digest of Technical Papers - IEEE International Conference on Consumer Electronics 2001. 361p (IEEE cat n 01CH37182)

Publication Year: 2001

CODEN: DTPEEL ISSN: 0747-668X

Language: English

...Abstract: discussed include: video processing for single-chip DVB decoder; development of a BS digital broadcast **receiver**; bandwidth reduction for video processing in consumer systems; temporal aspects of emerging television displays; providing multimedia services to a diverse set of consumer devices; connectivity solution to link a **bluetooth** camera to the Internet and automatic object segmentation for content-based video coding. (Edited abstract)

Descriptors: *Liquid crystal displays; Data **communication systems**; Projection **systems**; **Wireless** telecommunication **systems**; Internet; Network protocols; **Communication channels** (information theory); Digital **signal** processing; Embedded systems; Microprocessor chips; **Transceivers**; Signal to noise ratio; Television interference

Identifiers: Optical interfaces; Vertical cavity surface emitting lasers (VCSEL); Microdisplay devices; Rear-projection displays; **Wireless** application protocols (WAP); **Wireless** digital photography; Channel estimation; Additive white Gaussian noise (AWGN); Ultra-widebands (UWB); EiRev

40/3,K/5 (Item 5 from file: 8)

DIALOG(R) File 8:Ei Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

05902199 E.I. No: EIP01416675875

Title: The IEEE international conference on communications

Author: Anon (Ed.)

Conference Title: International Conference on Communications (ICC2001)

Conference Location: Helsinki, Finland Conference Date: 20000611-20000614

E.I. Conference No.: 58423

Source: IEEE International Conference on Communications v 7 2001. 338p (IEEE cat n 01CH37240)

Publication Year: 2001

ISSN: 0536-1486

Language: English

...Abstract: profile detection; maximum likelihood decoding bounds for high rate turbo codes; efficient polling schemes for **bluetooth** picocells; performance analysis of indoor infrared **wireless** systems; optimal multicast scheduling; data mining on PC cluster; turbo product codes; antenna selection for...

Descriptors: ***Wireless** telecommunication systems; **Cellular** radio systems; Radio **transmitters**; Radio **receivers**; Packet networks; Data

transfer; Communication **channels** (information theory); **Data communication systems**; **Signal** to noise ratio; Time division multiplexing; Bandwidth; Throughput; Telecommunication traffic Identifiers: Medium access control (MAC); Mobile networking; Polling systems; Diffuse channels; **Wireless** local area networks (WLAN); Radio bandwidth; Multicast scheduling; EiRev

40/3,K/6 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01990756 ORDER NO: AADAA-I3117470
Bluetooth /WLAN receiver design methodology and IC implementations
Author: Emira, Ahmed Ahmed Eladawy
Degree: Ph.D.
Year: 2003
Corporate Source/Institution: Texas A&M University (0803)
Source: VOLUME 64/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 6235. 254 PAGES

Bluetooth /WLAN receiver design methodology and IC implementations

Emerging technologies such as **Bluetooth** and 802.11b (Wi-Fi) have fuelled the growth of the short-range communication industry. **Bluetooth**, the leading WPAN (**wireless** personal area **network**) technology, was designed primarily for cable replacement applications. The first generation

Bluetooth products are focused on providing low-cost radio connections among personal electronic devices. In the WLAN (**wireless** local area network) arena, Wi-Fi appears to be the superior product. Wi-Fi is...

...and longer distances. Both technologies use the same 2.4GHz ISM band. The differences between **Bluetooth** and Wi-Fi standard features lead to a natural partitioning of applications. Nowadays, many electronics devices such as laptops and PDAs, support both **Bluetooth** and Wi-Fi standards to cover a wider range of applications. The cost of supporting both standards, however, is a major concern. Therefore, a dual-mode **transceiver** is essential to keep the size and cost of such system **transceivers** at a minimum.

A fully integrated low-IF **Bluetooth receiver** is designed and implemented in a low cost, main stream 0.35µm CMOS...

...I was in charge of the design of the channel selection complex filter.

In the **Bluetooth transmitter**, a frequency modulator with fine frequency steps is needed to generate the GFSK **signal** that has ±160kHz **frequency** deviation. A low power ROM-less direct digital frequency synthesizer (DDFS) is designed to implement the frequency modulation. The DDFS can be used for any frequency or phase modulation **communication systems** that require fast frequency switching with fine frequency steps.

Another contribution is the implementation of a dual-mode 802.11b/ **Bluetooth receiver** in IBM 0.25µm BiCMOS process. Direct-conversion architecture was used for both...

...for system level design as well as the design of the variable gain amplifier. The **receiver** chip consumes 45.6/41.3mA and the sensitivity is -86/-91dBm.

40/3,K/7 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01971348 ORDER NO: AADAA-IC814620

Channel and delay estimation algorithms for wireless communication systems

Author: Sirbu, Marius Cristian

Degree: D.Sc.(Tech.)

Year: 2003

Corporate Source/Institution: Teknillinen Korkeakoulu (Helsinki)
(Finland) (5766)

Source: VOLUME 65/01-C OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 241. 201 PAGES

ISBN: 951-22-6837-X

Publisher: Helsinki University of Technology, Signal Processing
Laboratory, P.O. Box 3000, FIN-02015 HUT, Finland

Channel and delay estimation algorithms for wireless communication systems

This thesis addresses the problem of channel and propagation delay estimation in **wireless communication systems**. Channel estimation and equalization compensate for channel distortions. Consequently, **transmitted** data may be reliably recovered. A feasible **communication link**, in both single user and multi-user communications, requires synchronization between the **transmitter** and the **receiver**. Traditional channel estimation and synchronization methods use training data, therefore decreasing the effective data rates...

...of training data are of great interest. In particular blind equalization methods, as well as **receiver** based synchronization methods enable higher effective data rates.

In Global System for Mobile Communications (GSM) more than 22% of the **transmitted signal** is used for **channel** estimation and synchronization purposes. If blind equalization methods could be applied in GSM, this part ...

...mobile to base station (BS) link) in direct-sequence code division multiple access (DS-CDMA) **wireless** networks is asynchronous. A DS-CDMA **receiver** has to simultaneously estimate channel impulse responses (CIR) and propagation delays for the active users...

...much longer than the symbol period. In this thesis, a novel uplink multi-user adaptive **receiver** is developed for long-code DS-CDMA. It is also capable of tracking time variations of the channels. Multiple antennas are considered at the **receiver** end, taking advantage of the signal to noise ratio (SNR) gain and the antenna diversity...

...delays. Algorithms for the explicit estimation of the propagation delays are also derived. The proposed **receiver** structures are capable of estimating and tracking the impulse responses of the channels and synchronizing...

...channel and time-offset estimation in OFDM by using a system model specific to fixed **wireless links**, e.g. **wireless** local area networks (WLAN) IEEE 802.11 standard.

(c) 2005 ProQuest Info&Learning. All rts. reserv.

01873749 ORDER NO: AADAA-I3042968

Simulation and performance analysis of a wireless local area network

Author: Nabritt, Sylvester Maurice

Degree: Ph.D.

Year: 2002

Corporate Source/Institution: University of Central Florida (0705)

Source: VOLUME 63/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 946. 112 PAGES

ISBN: 0-493-56839-5

Simulation and performance analysis of a wireless local area network

In most digital **communication systems** the modulated **signal** is **transmitted** through impaired **channels**. The channel impairments include additive white gaussian noise (AWGN), multipath, and fading. The impaired channels...

...the channel have been developed. Multipath is the process whereby a signal arrives at the **receiver** via different propagation paths at different delays. Signal fading occurs because the components usually have different carrier phase offsets, which causes the **transmitted** signals to destructively add. The delay of the reflected paths is known as delay spread...

...is measured in nanoseconds. This delay spread can introduce inter-symbol interference (ISI) at the **receiver**. ISI is introduced if the symbol period is shorter than the delay spread of the...

...model is statistically verified using a Simulink/Matlab platform. The model is applied to a **wireless** local area networks channel for **IEEE 802 . 11**, **IEEE 802 . 11a**, and **IEEE 802 . 11b** applications. The **transceiver** for each of these WLAN applications are modeled. The effect of delay spread for these **transceiver** waveforms using the multipath channel model will be presented. Bit error rate curves for **IEEE 802 . 11**, **IEEE 802 . 11a**, and **IEEE 802 . 11b** for various delay spreads will be presented.

40/3,K/9 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

(c) 2005 The HW Wilson Co. All rts. reserv.

2062561 H.W. WILSON RECORD NUMBER: BAST00012718

Bluetooth transceiver **consumes under 20 mW**

AUGMENTED TITLE: model PH2401 from Philsar Semiconductor

Mannion, Patrick;

Electronic Design v. 48 no1 (Jan. 10 2000) p. 37

DOCUMENT TYPE: Product Evaluation ISSN: 0013-4872

Bluetooth transceiver **consumes under 20 mW**

ABSTRACT: The PH2401 **Bluetooth transceiver** by Philsar of Nepean, Ontario, Canada, is described. The **transceiver** achieves a power consumption of under 20 mW, is compliant with Class 2 and 3 of the **Bluetooth** specification, and features a **receiver** sensitivity of -84 dBm and a bit error rate of 0.1 percent. The highly **integrated device** contains an on-chip voltage-controlled oscillator, fractional-N synthesizer, power amplifier, intermediate-**frequency** filters, a received

signal strength indicator, and a bit slicer.

DESCRIPTORS: Radio **transceivers** ; ...

... **Bluetooth** **wireless** communication standards;

45/3,K/1 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1512137 NTIS Accession Number: AD-D014 512/8

Yaw Fin Deployment Apparatus for Ejection Seat
(Patent)

Tran, A. T. ; Tung, C. R. ; Yost, P. W.
Department of the Navy, Washington, DC.
Corp. Source Codes: 001840000; 110050
Report No.: PAT-APPL-7-215 139; PATENT-4 901 951
Filed 5 Jul 88 patented 20 Feb 90 7p
Languages: English Document Type: Patent
Journal Announcement: GRAI9017
Supersedes PAT-APPL-7-215 139, AD-D014 148.

This Government-owned invention available for U.S. licensing and, possibly, for foreign licensing. Copy of patent available Commissioner of Patents, Washington, DC 20231 \$1.50.

NTIS Prices: Not available NTIS

... pulling the sleeve bearing along the shaft are provided. The momentum created when the ejection **seat** separates from the **aircraft** is **transmitted** to the lanyard, to the sleeve bearing, and to the strut for deploying the fin...

45/3,K/2 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1181617 NTIS Accession Number: N85-23797/2

Remote Control of an Impact Demonstration Vehicle

Harney, P. F. ; Craft, J. B. ; Johnson, R. G.
National Aeronautics and Space Administration, Moffett Field, CA. Ames Research Center.

Corp. Source Codes: 019045001; NC473657
Report No.: NAS 1.15:85925; H-1282; NASA-TM-85925
Apr 85 12p

Languages: English
Journal Announcement: GRAI8517; STAR2314

Presented at 31st Intern. Instrumentation Symp. of the Instrument Soc. of AM., San Diego, CA., 6-9 May 1985.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

... control the aircraft and activate onboard systems from takeoff until after impact. Aircraft systems for **remote control**, **aircraft** structural response, passenger **seat** and restraint systems, and anthropomorphic dummy responses were recorded and displayed by the downlink stems...

45/3,K/3 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

02012332 E.I. Monthly No: EI8609087041 E.I. Yearly No: EI86080507

Title: SEASAT VALIDATION PROGRAM.

Author: Wilkerson, John C.

Corporate Source: NOAA, Washington, DC, USA

Source: Advances in Geophysics v 27, Satell Oceanic Remote Sens. Publ by
Academic Press Inc, Orlando, FL, USA, 1985 p 463-480

Publication Year: 1985

CODEN: ADGOAR ISSN: 0065-2687 ISBN: 0-12-018827-9

Language: ENGLISH

...Abstract: coordinator based at an experiment control center at the
NOAA Pacific Marine Environmental Laboratory (PMEL), **Seattle**, Washington.

Aircraft collected **remotely** sensed data simultaneously from airborne
sensors corresponding to those carried aboard the satellite. Nine NOAA...

47/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

01320304 INSPEC Abstract Number: B71037915

Title: The AN/ARC-154(V)-a new approach to airborne communications

Author(s): Beitman, B.J., Jr.

Conference Title: Proceedings of the national aerospace electronics conference 1971 p.47-51

Publisher: IEEE, New York, NY, USA

Publication Date: 1971 Country of Publication: USA 317 pp.

Conference Sponsor: IEEE, Dayton section; IEEE, Aerospace and Electronics group

Conference Date: 17-19 May 1971 Conference Location: Dayton, OH, USA

Language: English

Subfile: B

...Abstract: V) (Avco AT-430) provides, in a single radio, capabilities normally implemented with two separate **transceivers**. Covering the 2 to 76 MHz frequency range with **USB**, LSB, AME and FM modes, the ARC-154, Figure 1, provides more capability than separate...

... and VHF/FM equipments and is expected to find wide application in the smaller and **single seat aircraft**. Flight tests conducted by ASD/WPAFB have demonstrated the practicality of the radio. Since the...

47/3,K/2 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1611617 NTIS Accession Number: N91-31078/9

Vibration Analysis of the SA349/2 Helicopter

Heffernan, R. ; Precetti, D. ; Johnson, W.

National Aeronautics and Space Administration, Moffett Field, CA. Ames Research Center.

Corp. Source Codes: 019045001; NC473657

Report No.: NAS 1.15:102794; A-90083; NASA-TM-102794

Jan 91 102p

Languages: English

Journal Announcement: GRAI9202; STAR2923

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A02

... examined using calculations and measurements for the SA349/2 research helicopter. The hub loads, which **transmit** excitations to the fuselage, are predicted using a comprehensive rotorcraft analysis and correlated with measuring...

...Descriptors: Rotary wing aircraft; *Structural vibration; *Vibration damping; Aircraft models; Correlation; Finite element method; Fuselages; Research **aircraft** ; **Seats**

47/3,K/3 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0270173 NTIS Accession Number: AD-491 763/XAB

Distribution of Impact Forces on the Human Through Restraining Devices

Bierman, H. R. ; Larsen, V.
Naval Medical Research Inst., Bethesda, Md.

Corp. Source Codes: 249650

Report No.: NMRI-X-630-4

Apr 46 14p

Journal Announcement: GRAI7113

Also available in 35 mm microfilm \$0.95. Distribution Limitation now Removed.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC\$0.95/MF E99

The distribution of impact pressures **transmitted** to the human body through the regulation shoulder straps and **seat** belt of **aircraft** has been investigated. The seat belt exerts a maximal impact pressure to the body at...

Descriptors: *Safety harness; *Impact shock; *Human engineering; **Aircraft seats** ; Positioning reactions; Aviation accidents; Aviation injuries; Pressure; Simulation; Instrumentation

47/3,K/4 (Item 1 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04602241 E.I. No: EIP97013495872

Title: Flight worthiness testing of a laser Canopy Fracturing Initiation Subsystem (CFIS)

Author: Cole, David A.; Kesner, Craig A.

Corporate Source: Alliant Techsystems, Inc, Rocket Center, WV, USA

Conference Title: Proceedings of the 1996 34th Annual Symposium Safe Association

Conference Location: Reno, NV, USA Conference Date: 19961021-19961023

E.I. Conference No.: 45854

Source: Proceedings - Annual SAFE Symposium (Survival and Flight Equipment Association) 1996. Survival Flight Equipment Assoc, Nashville, TN, USA. p 67-80

Publication Year: 1996

CODEN: PASMDO

Language: English

...Abstract: self contained, and contains no thermal batteries. The system consists of six lasers assemblies that **transmits** a signal which initiates the aircraft's canopy fracturing system. In the event that the...

Descriptors: *Aircraft escape devices; Lasers; Optical cables; **Aircraft seats** ; Fiber optics; Safety devices; Equipment testing

47/3,K/5 (Item 1 from file: 94)

DIALOG(R)File 94: JICST-EPlus

(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

03534300 JICST ACCESSION NUMBER: 98A0446410 FILE SEGMENT: JICST-E

Flight Testing of XF-2 - Calibration Flight Test.

YAMASHITA NORIO (1); SHIMIZU EIJI (1); DAN KOJI (1); YONEDA RYUICHI (1);

DOI HIROFUMI (1)

(1) Jpn. Def. Agency
Hikoki Shinpojiumu Koenshu, 1997, VOL.35th, PAGE.205-208, FIG.10, REF.2
JOURNAL NUMBER: Z0902AAK
UNIVERSAL DECIMAL CLASSIFICATION: 629.7.05
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

...ABSTRACT: Data Sensor System(ADSS) consists of nose-mounted and fuselage-mounted pitot-static probes, alpha **transmitters** , and a Total Air Temperature(TAT) probe. The system was calibrated using data collected during...

...verifying the calibration accuracy. In addition, comparisons were made between the air data calibrations of **single - and two - seat aircraft** , and gear-up and gear-down configurations. (author abst.)

47/3,K/6 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09379375
Inflight E-mail deals for Tenzing, Honeywell
WORLD: RACE TO PROVIDE INFLIGHT TECHNOLOGY
Aviation Week & Space Technology (AVW) 02 Oct 2000 p.53
Language: ENGLISH

Internet suppliers are racing to be the first to provide their service to commercial **aircrafts** . **Seattle** -based company Tenzing has commissioned Comsat Mobile of Lockheed Martin Global Communications to carry US...

... server, software and content provider) has formalised a three year link with Comsat Mobile to **transmit** Internet services over the Inmarsat network; Boeing has attempted to develop a system of its...

47/3,K/7 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

04254467
TELEPHONES ON AEROPLANES TO BE INTRODUCED
EUROPE - TELEPHONES ON AEROPLANES TO BE INTRODUCED
Zero Un Informatique Hebdomadaire (ZH) 26 April 1991 p19
Language: French

...which aircraft are fitted with an antenna under the fuselage. Calls from the aircraft are **transmitted** to earth stations and then retransmitted to the person being called. The technology has been...

... will be able to make, but not to receive calls, from telephones located on the **aircraft seats** . Different technology, involving the use of four Inmarsat satellites, is used to allow passengers on...

... expensive than TFTS but also more efficient, and allows both voice and data to be **transmitted** . Japan Airlines, Quantas and United Airlines have already experimented with Satcom technology, and British Airways...

47/3,K/8 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05141044

Lane Ranger LoJack tracking device makes car theft a high risk

Ledford, Joey

Atlanta Constitution, Sec B, p 2, col 2

Jul 29, 1998

NEWSPAPER CODE: ATC

DOCUMENT TYPE: Commentary; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: Just as the big four- **seat** Fulton County police **helicopter** roared over the sprawling Six Flags parking lot, Cpl. Greg VanLiew referred his passengers to...

...cost, all the high-tech gear they need to recover stolen vehicles equipped with LoJack **transmitters**.

47/3,K/9 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01221858

The Latest Quest by the Idea Man of Communications

Berg, Eric N

New York Times, Sec 3, p 10, col 1

Apr 28, 1991

ISSN: 0362-4331 NEWSPAPER CODE: NY

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: telecommunications industry, is profiled. Goeken now wants to give business executives the ability, from the **seat** of an **aircraft** anywhere in the world, to send and receive faxes, **transmit** data and book hotel rooms.

File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jun(Updated 051004)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200569
(c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	436575	(COMMUNICATION OR INTEGRA?) (3N) (DEVICE?? OR UNIT?? OR SYST-EM?? OR LINK??)
S2	929481	TRANSMITTER?? OR TRANSMIT??? OR TRANSCIVER??
S3	372794	RECEIVER?? OR RECEIVER?? (3N)SPEAKER
S4	384711	WIRELESS OR WIRELESS(3N) (LINK?? OR LAN) OR WIRELESS OR REM-OTE?? OR REMOTE()CONTROL? OR CELLULAR
S5	19794	BLUETOOTH OR USB OR WAN OR IEEE(3N)802()1???? OR (BLUETOOTH OR USB OR IEEE(3N)108()????) (10N) (BUS OR NETWORK)
S6	7598	WIRELESS(3N) (TELEPHON? OR MOBILE()TELEPHON? OR MOBILE()TEL-EPHON?()NETWORK??)
S7	258637	(CHANNEL?? OR FREQUENC? OR PRE()SELECTED()FREQUENC? OR FRE-QUENC?()RE()USE OR FREQUENCY()REUSE) (5N) (SIGNAL? OR (AUDIO OR VIDEO OR DATA OR INTERCOM) (3N)SIGNAL?)
S8	1981	(AIRCRAFT?? OR AIRPLANE?? OR HELICOPTER?? OR SPACE()SHUTTLE OR JET?? OR CONCORDE OR AIR?()BUS) (3N) (SEAT? OR CHAIR??)
S9	71	(ATLEAST()ONE OR ONE OR 1 OR PRIMARY OR SINGLE OR UNITARY)-(3N)S8
S10	81	(SECOND? OR TWO OR ANOTHER OR OTHER OR NEXT) (3N) (SEAT OR C-HAIR) (3N)S8
S11	0	(PLURAL? OR PLURAL? OR MANY OR NUMEROUS OR ARRAY?? OR MULTI OR MULTIPLE) (3N) (S9 AND S10)
S12	4	AU=(RYBERG, M? OR RYBERG M?)
S13	176509	(DISPARATE OR DIFFERENT OR SEPARATE OR DISSIMILAR OR DUAL -OR MULTIPLE?? OR PLURAL? OR MANY OR NUMEROUS OR ARRAY OR MULTI OR MIX???) (5N) (SIGNAL? OR RECEPTION)
S14	133715	(ATTACH? OR INSERT? OR CONNECT? OR INTEGRAL OR COUPL? OR I-NTERCONNECTED OR INTEGRAT? OR INCORP? OR ADJOIN? OR MOUNT?? OR MOUNTING OR FIXED) (3N)S1
S15	2	S12 NOT AD=20001221:20051031/PR
S16	0	S15 NOT (POOL OR CHECKS)
S17	7	(S2:S6) (3N) (S8:S10)
S18	1	S17 AND (S1 OR S14)
S19	6	S17 NOT S18
S20	4	S19 NOT AD=20001221:20051031/PR
S21	5	(S1 OR S14) (3N) (S8:S10)
S22	5	S21 NOT S17
S23	1	S22 AND (S2:S6)
S24	1	S23 NOT (S18 OR S19)
S25	47021	(S1 OR S14) (3N) (S2:S6)
S26	0	S25(3N) (S8:S10)
S27	970	S25(3N)S6
S28	5	S27(3N)S13
S29	2	S28 NOT AD=20001221:20051031/PR

18/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014967405 **Image available**
WPI Acc No: 2003-027919/200302
XRAM Acc No: C03-006390
XRPX Acc No: N03-021823

Network computer system includes network server fabricated within walls of portable case also having compartments for storing portable personal computer and necessary cabling for power and communications to these computers

Patent Assignee: COMPAQ INFORMATION TECHNOLOGIES INC (COPQ)

Inventor: OWENS M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6438577	B1	20020820	US 99345909	A	19990701	200302 B

Priority Applications (No Type Date): US 99345909 A 19990701

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6438577	B1	12	G06F-015/16	

Abstract (Basic):

Technology Focus:

... wheels are provided on the case for ease in transportation. The case fits under an **airplane seat** . A **wireless** communications system is provided for communicating with another computer network. It comprises cellular, satellite and spread-spectrum at radio frequencies; or infrared. An antenna for the wireless communications **system** is **integral** with the case...

20/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013036021 **Image available**
WPI Acc No: 2000-207873/200019
XRPX Acc No: N00-154905

Installation for remote control of aircraft seats
Patent Assignee: PRECISION MECANIQUE LABINAL (PREC); MESSIER BUGATTI SA
(MESS); LABINAL SA (LABI-N)

Inventor: MARIN-MARTINOD T; RENAULT G; TUAL F; MARIN M T

Number of Countries: 026 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 973079	A1	20000119	EP 99401741	A	19990709	200019 B
FR 2781293	A1	20000121	FR 989113	A	19980716	200019
US 6194853	B1	20010227	US 99353092	A	19990715	200114
EP 973079	B1	20040526	EP 99401741	A	19990709	200435
DE 69917538	E	20040701	DE 99617538	A	19990709	200443
			EP 99401741	A	19990709	
DE 69917538	T2	20050901	DE 99617538	A	19990709	200559
			EP 99401741	A	19990709	

Priority Applications (No Type Date): FR 989113 A 19980716

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 973079 A1 F 8 G05B-019/042

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

FR 2781293 A1 G05B-015/02

US 6194853 B1 B64C-001/22

EP 973079 B1 F G05B-019/042

Designated States (Regional): DE FR GB IT

DE 69917538 E G05B-019/042 Based on patent EP 973079

DE 69917538 T2 G05B-019/042 Based on patent EP 973079

Installation for remote control of aircraft seats

Abstract (Basic):

... For remote management of aircraft seats from a central
control unit, so that actuators that can be controlled by a passenger
...

20/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011072551 **Image available**
WPI Acc No: 1997-050475/199705
XRPX Acc No: N97-041488

Jet unit for liq. lifting from wells - has cut-off element with seat
placed parallel to jet pump which has remote connection cable with
passive medium physical fields radiator and receiver-transformer

Patent Assignee: IVANO-FRANK OIL GAS INST (IVAN)

Inventor: KLIBANETS S V; SEMKOV B N; SHANOVSKII YA V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2059891	C1	19960510	SU 4704256	A	19890614	199705 B

Priority Applications (No Type Date): SU 4704256 A 19890614

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RU 2059891	C1		2	F04F-005/02	

... has cut-off element with seat placed parallel to jet pump which has remote connection cable with passive medium physical fields radiator and receiver-transformer

20/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

008120236

WPI Acc No: 1990-007237/199001

XRPX Acc No: N90-005637

Yaw fin development appts. for aircraft ejection seat - has strut, between fin and sleeve bearing pulled continuously along shaft by lanyard using seat ejection momentum

Patent Assignee: US SEC OF NAVY (USNA)

Inventor: TRAN A; TUNG C; YOST P

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US N7215139	N	19891017	US 88215139	A	19880705	199001 B
US 4901951	A	19900220				199014

Priority Applications (No Type Date): US 88215139 A 19880705

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US N7215139	N		19		
US 4901951	A		7		

...Abstract (Equivalent): pulling the sleeve bearing along the shaft are provided. The momentum created when the ejection seat separates from the aircraft is transmitted to the lanyard, to the sleeve bearing, and to the strut for deploying the fin...

20/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

003711327

WPI Acc No: 1983-707509/198328

XRPX Acc No: N83-197639

Pushbutton-operated power source for aircraft seat remote control - motion of magnet reed e.g. for overhead fancontrol over IR link, avoiding wiring installation

Patent Assignee: HUGHES AIRCRAFT CO (HUGA)

Inventor: HUMMEL T L; TERBRACK W H

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 58072361	A	19830430				198328 B
US 4412355	A	19831025				198345

Priority Applications (No Type Date): US 81311367 A 19811014

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 58072361	A		7		

Pushbutton-operated power source for aircraft seat remote control

24/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014978569 **Image available**
WPI Acc No: 2003-039083/200303
XRPX Acc No: N03-030473

Communication system for airplane, receives image data from digital
camera and displays image data on video screen, when communication unit
fixed on seatback is operated by associated passenger

Patent Assignee: HEWLETT-PACKARD CO (HEWP); CRANDALL J C (CRAN-I); CULP J
R (CULP-I); RUDD M L (RUDD-I)

Inventor: CRANDALL J C; CULP J R; RUDD M L

Number of Countries: 005 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020109647	A1	20020815	US 2001784727	A	20010215	200303 B
DE 10162581	A1	20020905	DE 10162581	A	20011219	200303
GB 2374229	A	20021009	GB 20021991	A	20020129	200303
JP 2002359710	A	20021213	JP 200239146	A	20020215	200311
TW 496842	A	20020801	TW 2001122261	A	20010907	200330
GB 2374229	B	20050706	GB 20021991	A	20020129	200545
GB 2410854	A	20050810	GB 20021991	A	20020129	200556
			GB 20059206	A	20050505	
GB 2410854	B	20050928	GB 20021991	A	20020129	200564
			GB 20059206	A	20050505	

Priority Applications (No Type Date): US 2001784727 A 20010215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020109647	A1		10	G09G-005/00	
DE 10162581	A1			H04N-001/00	
GB 2374229	A			H04N-007/18	
JP 2002359710	A		7	H04N-001/00	
TW 496842	A			B64D-011/06	
GB 2374229	B			H04N-007/18	
GB 2410854	A			H04N-007/18	Div ex application GB 20021991
GB 2410854	B			H04N-007/18	Div ex application GB 20021991

Abstract (Basic):

... Several communication units (14) fixed on the seatbacks
of the airplane, are operated by an associated passenger to receive
image data from a digital camera and display image data on a video
screen. A processor is connected to the receiver of the communication
unit and the video screen.

29/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016568281 **Image available**

WPI Acc No: 2004-727018/200471

XRPX Acc No: N04-575706

Digital signal processor for dual tone multi frequency signal encoding device, has balancing module to balance sound signal if twist in tone as identified by conforming module is not within mapped range of decoder

Patent Assignee: CISCO TECHNOLOGY INC (CISC-N)

Inventor: JAGADEESAN R T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6801622	B1	20041005	US 2000703336	A	20001031	200471 B

Priority Applications (No Type Date): US 2000703336 A 20001031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6801622	B1		10	H04M-001/00	

Abstract (Basic):

... Used in a device for encoding dual tone multi frequency signals in a sound signal for providing telephone connections between digital voice communication systems e.g. wireless telephone system such as cellular telephone, and system that communicates through networks e.g. Internet...

29/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014711972 **Image available**

WPI Acc No: 2002-532676/200257

XRPX Acc No: N02-421894

Mobile telephone for wireless communication system, transmits prestored urgency signal automatically on frequency different from usage frequency when predetermined emergency report time is elapsed

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002152061	A	20020524	JP 2000342391	A	20001109	200257 B
JP 3578208	B2	20041020	JP 2000342391	A	20001109	200469

Priority Applications (No Type Date): JP 2000342391 A 20001109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002152061	A		11	H04B-001/04	
JP 3578208	B2		12	H04B-001/04	Previous Publ. patent JP 2002152061

Mobile telephone for wireless communication system, transmits prestored urgency signal automatically on frequency different from usage frequency when predetermined emergency report time is elapsed

File 348:EUROPEAN PATENTS 1978-2005/Oct W04
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051027,UT=20051020
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	229109	(COMMUNICATION OR INTEGRA?) (3N) (DEVICE?? OR UNIT?? OR SYST-EM?? OR LINK??)
S2	417630	TRANSMITTER?? OR TRANSMIT??? OR TRANSCEIVER??
S3	152541	RECEIVER?? OR RECEIVER??(3N)SPEAKER
S4	357387	WIRELESS OR WIRELESS(3N) (LINK?? OR LAN) OR WIRELESS OR REM-OTE?? OR REMOTE()CONTROL? OR CELLULAR
S5	42767	BLUETOOTH OR USB OR WAN OR IEEE(3N)802()1???? OR (BLUETOOTH OR USB OR IEEE(3N)108()????) (10N) (BUS OR NETWORK)
S6	11618	WIRELESS(3N) (TELEPHON? OR MOBILE()TELEPHON? OR MOBILE()TEL-EPHON?()NETWORK??)
S7	120210	(CHANNEL?? OR FREQUENC? OR PRE()SELECTED()FREQUENC? OR FRE-QUENC?()RE()USE OR FREQUENCY()REUSE) (5N) (SIGNAL? OR (AUDIO OR VIDEO OR DATA OR INTERCOM) (3N)SIGNAL?)
S8	1457	(AIRCRAFT?? OR AIRPLANE?? OR HELICOPTER?? OR SPACE()SHUTTLE OR JET?? OR CONCORDE OR AIR?()BUS) (3N) (SEAT? OR CHAIR??)
S9	204	(ATLEAST()ONE OR ONE OR 1 OR PRIMARY OR SINGLE OR UNITARY)-(3N)S8
S10	196	(SECOND? OR TWO OR ANOTHER OR OTHER OR NEXT) (3N) (SEAT OR C-HAIR) (3N)S8
S11	5	(PLURAL? OR PLURAL? OR MANY OR NUMEROUS OR ARRAY?? OR MULTI OR MULTIPLE) (3N) (S9 (20N)S10)
S12	2	AU=(RYBERG, M? OR RYBERG M?)
S13	121614	(DISPARATE OR DIFFERENT OR SEPARATE OR DISSIMILAR OR DUAL -OR MULTIPLE?? OR PLURAL? OR MANY OR NUMEROUS OR ARRAY OR MULTI OR MIX???) (5N) (SIGNAL? OR RECEPTION)
S14	119806	(ATTACH? OR INSERT? OR CONNECT? OR INTEGRAL OR COUPL? OR I-NTERCONNECTED OR INTEGRAT? OR INCORP? OR ADJOIN? OR MOUNT?? OR MOUNTING OR FIXED) (3N)S1
S15	0	S12 AND IC=H04N?
S16	16	(S8:S11) (3N) (S1 OR S14)
S17	11	S16 NOT AD=20001221:20051031/PR
S18	0	S19 AND (S2:S6)
S19	10	S17 AND (S2:S6)
S20	2	S17 AND S13
S21	0	S20 NOT S17
S22	31	(S8:S11) (3N) (S2:S6)
S23	11	S22(3N) (S1 OR S14)
S24	2	S23 AND S13
S25	0	S24 NOT S17
S26	20	S22 NOT S16
S27	0	S26(3N)S7
S28	0	S26(3N)S13
S29	2	S20 NOT AD=20001221:20051031/PR
S30	0	S29 NOT S17
S31	43633	(S1 OR S14) (3N) (S2:S6)
S32	0	S31(3N) (S8:S11)
S33	301	S31(3N)S13
S34	49	S33(3N)S7
S35	24	S34 NOT AD=20001221:20051031/PR
S36	1	S35 AND IC=H04N?
S37	66	S31 AND (S8:S11)
S38	34	S37 NOT AD=20001221:20051031/PR
S39	4	S38(20N)S13
S40	16	S38 AND S13
S41	12	S40 NOT S39

disregard vol. 2. 10/21/05

S42	11	S41 NOT (S17 OR S36)
S43	3	S42(3N)S7
S44	8	S42 NOT S43

17/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01605089

Mobile telephony on-board a vehicle
Mobiltelefonie an Bord eines Kraftfahrzeugs
Telephonie mobile a bord d'un vehicule

PATENT ASSIGNEE:

Stratos Global Limited, (3353960), 6th Floor, Finsbury Square, London
EC2A 1AE, (GB), (Applicant designated States: all)

INVENTOR:

Allaway, Andrew Wayne, 53 Church Road, Cowley, Middlesex UB8 3ND, (GB)
Usher, Martin Philip, 42 Fairfield Avenue, Ruislip, Middlesex HA4 7PH,
(GB)

LEGAL REPRESENTATIVE:

Skone James, Robert Edmund (50281), GILL JENNINGS & EVERY, Broadgate
House, 7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 1326352 A2 030709 (Basic)
EP 1326352 A3 040804
EP 1326352 A3 040804

APPLICATION (CC, No, Date): EP 2003006779 000810;

PRIORITY (CC, No, Date): EP 99308728 991103; GB 9926085 991103; GB 9359
000414

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 1232567 (EP 2000951740)

INTERNATIONAL PATENT CLASS: H04B-007/185

ABSTRACT WORD COUNT: 317

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200328	832
SPEC A	(English)	200328	14291
Total word count - document A			15123
Total word count - document B			0
Total word count - documents A + B			15123

...SPECIFICATION handset 21, 21a. This is unlikely, as the number depends
on the identity of the **aircraft**, the **seat**, and the serving satellite
or base station.

The equipment just described is augmented in the...connected to the
network 5 (step 805). This allows the mobile unit to register with
another network 7 in the normal way. Call attempts to the user number
will continue to...

...entertainment system, is depicted in Figures 11 and 12.

The system can be categorised into **two** main components: namely the
onboard part 101 (Figure 11) and the fixed part 102 (Figure 12), which
communicate with each **other** through a satellite connection 6. The
onboard part (Figure 11) comprises a moveable cellular system...

...113 of the tracking radio system. The fixed part 102 (Figure 12) is
itself in **two** parts, namely a satellite ground station 4, which is
similar to that shown in Figure...

...network 104, which is a public land mobile network (PLMN) 104, in turn interconnected with **other** PLMNs 70 and conventional wired networks (PSTN) 8 to allow calls to be made between...with a "Wireless PBX" facility, as users on board the aircraft can communicate with each **other** through the BSC 114 without using the satellite link 4 - 6 - 113. When a call...

...connects the call without the use of any inter-MSC links. Thus calls made between **two** users both on board the aircraft 101 may be made without the use of the...

...to use this service provided they are subscribers to the host network 104, or any **other** network 70 which has a "roaming" agreement with the host network 104, provided the subscriber...

...association with the mobile identity code (IMSI), and stores it in a memory 119. For **aircraft** fitted with at- **seat** satellite **telephone** equipment, each handset has an identity code (generally related to the number of the passenger...

17/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01308383

CALL DIVERSION SYSTEM

ANRUFUMLEITUNGSSYSTEM

TELEPHONIE MOBILE

PATENT ASSIGNEE:

Stratos Global Limited, (3353960), 6th Floor, Finsbury Square, London
EC2A 1AE, (GB), (Proprietor designated states: all)

INVENTOR:

ALLAWAY, Andrew Wayne, 53 Church Road, Cowley, Middlesex UB8 3ND, (GB)
USHER, Martin Philip, 42 Fairfield Avenue, Ruislip, Middlesex HA4 7PH,
(GB)

LEGAL REPRESENTATIVE:

Skone James, Robert Edmund (50281), GILL JENNINGS & EVERY Broadgate House
7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 1232567 A2 020821 (Basic)
EP 1232567 B1 040303
WO 2001041317 010607

APPLICATION (CC, No, Date): EP 2000951740 000810; WO 2000GB3091 000810

PRIORITY (CC, No, Date): EP 99308728 991103; GB 9926085 991103; GB 9359
000414

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1326352 (EP 2003006779)

INTERNATIONAL PATENT CLASS: H04B-001/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200410	719
CLAIMS B	(German)	200410	670
CLAIMS B	(French)	200410	829
SPEC B	(English)	200410	14283

Total word count - document A 0
 Total word count - document B 16501
 Total word count - documents A + B 16501

...SPECIFICATION handset 21, 21a. This is unlikely, as the number depends on the identity of the **aircraft**, the **seat**, and the serving satellite or base station.
 The equipment just described is augmented in the...
 ...connected to the network 5 (step 805). This allows the mobile unit to register with **another** network 7 in the normal way. Call attempts to the user number will continue to...
 ...entertainment system, is depicted in Figures 11 and 12.
 The system can be categorised into **two** main components: namely the onboard part 101 (Figure 11) and the fixed part 102 (Figure 12), which communicate with each **other** through a satellite connection 6. The onboard part (Figure 11) comprises a moveable cellular system...
 ...113 of the tracking radio system. The fixed part 102 (Figure 12) is itself in **two** parts, namely a satellite ground station 4, which is similar to that shown in Figure...
 ...network 104, which is a public land mobile network (PLMN) 104, in turn interconnected with **other** PLMNs 70 and conventional wired networks (PSTN) 8 to allow calls to be made between...
 ...with a "Wireless PBX" facility, as users on board the aircraft can communicate with each **other** through the BSC 114 without using the satellite link 4 - 6 - 113. When a call...
 ...connects the call without the use of any inter-MSC links. Thus calls made between **two** users both on board the aircraft 101 may be made without the use of the...
 ...to use this service provided they are subscribers to the host network 104, or any **other** network 70 which has a "roaming" agreement with the host network 104, provided the subscriber...
 ...association with the mobile identity code (IMSI), and stores it in a memory 119. For **aircraft** fitted with at- **seat** satellite **telephone** equipment, each handset has an identity code (generally related to the number of the passenger...)

17/3,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01271425

COMMUNICATION BETWEEN A FIXED NETWORK AND A MOVABLE NETWORK WITH MEANS FOR
 SUSPENDING OPERATION OF THE MOVEABLE NETWORK
 KOMMUNIKATION ZWISCHEN EINEM MOBILEN UND EINEM FESTEN NETZ MIT MITTELEN ZUM
 EINSTELLEN DES BETRIEBS DES MOBILEN NETZES
 COMMUNICATION ENTRE UN RESEAU FIXE ET UN RESEAU MOBILE ET DISPOSITIF
 PERMETTANT DE SUSPENDRE LE FONCTIONNEMENT DU RESEAU MOBILE

PATENT ASSIGNEE:

Stratos Global Limited, (3353960), 6th Floor, Finsbury Square, London
 EC2A 1AE, (GB), (Proprietor designated states: all)

INVENTOR:

USHER, Martin Philip, 42 Fairfield Avenue, Ruislip Middlesex HA4 7PH,
 (GB)

MEAD, Andrew Robert, 9 Pear Tree Court Maultway North, Camberley Surrey
 GU15 3US, (GB)
 LEGAL REPRESENTATIVE:
 Skone James, Robert Edmund (50281), GILL JENNINGS & EVERY, Broadgate
 House, 7 Eldon Street, London EC2M 7LH, (GB)
 PATENT (CC, No, Kind, Date): EP 1206848 A1 020522 (Basic)
 EP 1206848 B1 041124
 WO 2001015337 010301
 APPLICATION (CC, No, Date): EP 2000956650 000810; WO 2000GB3074 000810
 PRIORITY (CC, No, Date): EP 99306763 990825; EP 99307279 990914; EP
 2000303155 000414; EP 2000303164 000414
 DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LU; MC; NL; PT; SE
 EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
 INTERNATIONAL PATENT CLASS: H04B-007/185
 NOTE:

No A-document published by EPO
 LANGUAGE (Publication,Procedural,Application): English; English; English
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200448	474
CLAIMS B	(German)	200448	485
CLAIMS B	(French)	200448	564
SPEC B	(English)	200448	14718
Total word count - document A			0
Total word count - document B			16241
Total word count - documents A + B			16241

...SPECIFICATION handset 21, 21a. This is unlikely, as the number depends on the identity of the **aircraft**, the **seat**, and the serving satellite or base station.

The equipment just described is augmented in the...the HLR 73 as being registered with the "Virtual" BSC, or interface unit, 52, any **other** data messages intended for the user will also be routed to the interface unit 52...

...entertainment system, is depicted in Figures 11 and 12.

The system can be categorised into **two** main components: namely the onboard part 101 (Figure 11) and the fixed part 102 (Figure 12), which communicate with each **other** through a satellite connection 6. The onboard part (Figure 11) comprises a moveable cellular system...

...113 of the tracking radio system. The fixed part 102 (Figure 12) is itself in **two** parts, namely a satellite ground station 4, which is similar to that shown in Figure...

...cellular network 104, which is a public land mobile network (PLMN), in turn interconnected with **other** PLMNs 70 and conventional wired networks (PSTN) 8 to allow calls to be made between...

...with a "Wireless PBX" facility, as users on board the aircraft can communicate with each **other** through the BSC 114 without using the satellite link 4 - 6 - 113. When a call...

...connects the call without the use of any inter-MSC links. Thus calls made between **two** users both on board the aircraft 101 may be made without the use of the...

...to use this service provided they are subscribers to the host network 104, or any **other** network 70 which has a "roaming" agreement with the

host network 104, provided the subscriber...

...association with the mobile identity code (IMSI), and stores it in a memory 119. For **aircraft** fitted with at-**seat** satellite **telephone** equipment, each handset has an identity code (generally related to the number of the passenger...

17/3,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01057601

GATEWAY APPARATUS FOR DESIGNING AND ISSUING MULTIPLE APPLICATION CARDS
SCHNITTSTELLE ZUM ENTWURF UND ZUR AUSGABE VON MEHRZWECKKARTEN
DISPOSITIF PASSERELLE PERMETTANT DE CONCEVOIR ET DE DELIVRER DES CARTES
POLYVALENTES

PATENT ASSIGNEE:

Mackenthun, Holger, (2775900), 21 Blue Heron Lane, Downingtown, PA 19335,
(US), (Proprietor designated states: all)

INVENTOR:

Mackenthun, Holger, 21 Blue Heron Lane, Downingtown, PA 19335, (US)

LEGAL REPRESENTATIVE:

Straus, Alexander, Dr. Dipl.-Chem. et al (85883), Patentanwalte Becker,
Kurig, Straus Bavariastrasse 7, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1032920 A1 000906 (Basic)
EP 1032920 B1 050803
WO 1999027492 990603

APPLICATION (CC, No, Date): EP 98958685 981121; WO 98US24946 981121

PRIORITY (CC, No, Date): US 977410 971124

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06K-015/00; G07F-007/10

NOTE:

No A-document published by EPO

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200531	1145
CLAIMS B	(German)	200531	1040
CLAIMS B	(French)	200531	1402
SPEC B	(English)	200531	6070
Total word count - document A			0
Total word count - document B			9657
Total word count - documents A + B			9657

...SPECIFICATION mobile phone or an access terminal such as a computer terminal integrated into the passenger **seats** of **airplanes** . A **communication link** 20L between the computer of the card requester 10 and the gateway apparatus 30 can...

17/3,K/5 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00807709

Image available

CALL DIVERSION SYSTEM

TELEPHONIE MOBILE

Patent Applicant/Assignee:

STRATOS GLOBAL LIMITED, 6th Floor, Finsbury Square, London EC2A 1AE, GB,
GB (Residence), GB (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

ALLAWAY Andrew Wayne, 53 Church Road, Cowley, Middlesex UB8 3ND, GB, GB
(Residence), GB (Nationality), (Designated only for: US)

USHER Martin Philip, 42 Fairfield Avenue, Ruislip, Middlesex HA4 7PH, GB,
GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

SKONE JAMES Robert E (agent), Gill Jennings & Every, Broadgate House, 7
Eldon Street, London EC2M & LH, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200141317 A2-A3 20010607 (WO 0141317)

Application: WO 2000GB3091 20000810 (PCT/WO GB0003091)

Priority Application: EP 99308728 19991103; GB 9926085 19991103; GB
20009359 20000414

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15602

Fulltext Availability:

Detailed Description

Detailed Description

... handset 21, 21a. This is unlikely, as the number depends on the
identity of the **aircraft**, the **seat**, and the serving satellite or base
station.

The equipment just described is augmented in the...using the in flight
entertainment system 200.

Generally, the detection of the same IMSI from **two** sources causes an
HILR to disconnect both callers as a ...31 1 which disconnects the radio
circuits, to prevent the network detecting the IMSI in **two** places,
which causes the call diversion instruction unit 56 to retrieve the call
diversion data...

...ensures no further calls are routed to the onboard terminal 21.

The interface unit 52 **next** causes the network registration unit 55 in
the interface unit 5 to instruct the IVISC...

...connected to the network 5 (step 805). This allows the mobile unit to
register with **another** network 7 in the normal way. Call attempts to the
user number will continue to...

...is depicted in Figures 1 1 and 1 2.

The system can be categorised into **two** main components: namely the
onboard part 1 01 (Figure 1 1) and the fixed part 102 (Figure 1 2), which
communicate with each **other** through a satellite connection 6. The

onboard part (Figure 1 1) comprises a moveable cellular...

...3 of the tracking radio system. The fixed part 102 (Figure 12) is itself in **two** parts, namely a satellite ground station 4, which is similar to that shown in Figure...

...network 104, which is a public land mobile network (PLIVIN) 104, in turn interconnected with **other** PLMNs 70 and conventional wired networks (PSTN) 8 to allow calls to be made between...

...with a 'Wireless PBX' facility, as users on board the aircraft can communicate with each **other** through the BSC 114 without using the satellite link 4 - 6 - 113. When a call...

...connects the call without the use of any inter-MSC links. Thus calls made between **two** users both on board the aircraft 101 may be made without the use of the...to use this service provided they are subscribers to the host network 104, or any **other** network 70 which has a 'roaming' agreement with the host network 104, provided the subscriber...

...association with the mobile identity code (IMSO, and stores it in a memory 119. For **aircraft** fitted with at- **seat** satellite telephone equipment, each handset has an identity code (generally related to the number of...

17/3,K/6 (Item 2 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
 (c) 2005 WIPO/Univentio. All rts. reserv.

00787298 **Image available**

INCOMING CALL INDICATION METHOD AND APPARATUS

PROCEDE ET DISPOSITIF D'INDICATION D'APPEL ENTRANT

Patent Applicant/Assignee:

BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, 81 Newgate Street,
 London EC1A 7AJ, GB, GB (Residence), GB (Nationality), (For all
 designated states except: US)

Patent Applicant/Inventor:

ALLAWAY Andrew Wayne, 53 Church Road, Cowley, Middlesex UB8 3ND, GB, GB
 (Residence), GB (Nationality), (Designated only for: US)
 USHER Martin, 42 Fairfield Avenue, Ruislip, Middlesex HA4 7PH, GB, GB
 (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

LIDBETTER Timothy Guy Edwin (agent), BT Group Legal Services,
 Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn,
 London EC1N 2TE, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200120812 A1 20010322 (WO 0120812)
 Application: WO 2000GB3076 20000810 (PCT/WO GB0003076)
 Priority Application: EP 99307279 19990914; GB 9921722 19990914; EP
 99308720 19991103; GB 20009394 20000414; EP 2000303155 20000414

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
 TR TT TZ UA UG US UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 13889

Fulltext Availability:
Detailed Description

Detailed Description

... 21, 21 a. This is unlikely, as the number depends on the identity of the **aircraft**, the **seat**, and the serving satellite or base station. The equipment just described is augmented in the... is depicted in Figures 1 1 and 1 2.

The system can be categorised into **two** main components: namely the onboard part 1 01 (Figure 1 1) and the fixed part 102 (Figure 1 2), which communicate with each **other** through a satellite connection 6. The onboard part (Figure 1 1) comprises a moveable cellular...

...3 of the tracking radio system. The fixed part 102 (Figure 12) is itself in **two** parts, namely a satellite ground station 4, which is similar to that shown ...network 104, which is a public land mobile network (PLIVIN) 104, in turn interconnected with **other** PLMNs 70 and conventional wired networks (PSTN) 8 to allow calls to be made between...

...with a "Wireless PBX" facility, as users on board the aircraft can communicate with each **other** through the BSC 1 1 4 without using the satellite link 4 - 6 - 11 3...

...connects the call without the use of any inter-MSC links. Thus calls made between **two** users both on board the aircraft 101 may be made without the use of the ...to use this service provided they are subscribers to the host network 104, or any **other** network 70 which has a "roaming" agreement with the host network 104, provided the subscriber ...association with the mobile identity code 1 5 (IMSO, and stores it in a memory 1 1 9. For **aircraft** fitted with at- **seat** satellite telephone equipment, each handset has an identity code (generally related to the number of...

17/3,K/7 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00782203 **Image available**

COMMUNICATION BETWEEN A FIXED NETWORK AND A MOVABLE NETWORK WITH MEANS FOR
SUSPENDING OPERATION OF THE MOVEABLE NETWORK
COMMUNICATION ENTRE UN RESEAU FIXE ET UN RESEAU MOBILE ET DISPOSITIF
PERMETTANT DE SUSPENDRE LE FONCTIONNEMENT DU RESEAU MOBILE

Patent Applicant/Assignee:

BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, 81 Newgate Street,
London EC1A 7AJ, GB, GB (Residence), GB (Nationality), (For all
designated states except: US)

Patent Applicant/Inventor:

USHER Martin Philip, 42 Fairfield Avenue, Ruislip, Middlesex HA4 7PH, GB,
GB (Residence), GB (Nationality), (Designated only for: US)
MEAD Andrew Robert, 9 Pear Tree Court, Maultway North, Camberley, Surrey
GU15 3US, GB, GB (Residence), GB (Nationality), (Designated only for:
US)

Legal Representative:

LIDBETTER Timothy Guy Edwin (agent), BT Group Legal Services,
Intellectual Property Department, 8th floor, Holborn Centre, 120
Holborn, London EC1N 2TE, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200115337 A1 20010301 (WO 0115337)
Application: WO 2000GB3074 20000810 (PCT/WO GB0003074)
Priority Application: EP 99306763 19990825; EP 99307279 19990914; EP
2000303155 20000414; EP 2000303164 20000414

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15586

Fulltext Availability:

Claims

Claim

- ... handset 21, 21a. This is unlikely, as the number depends on the
identity of the **aircraft**, the **seat**, and the serving satellite or base
station.
The equipment just described is augmented in the...call to that number.
The default condition in such cases is to arrange for the **second** call
to be diverted to the user's voicemail address (not shown) in his home...
- ...ensures no further calls are routed to the onboard terminal 21. The
interface unit 52 **next** causes the network registration unit 55 in the
interface unit 5 to instruct the IVISC...
- ...connected to the network 5 (step 805). This allows the mobile unit to
register with **another** network 7 in the normal way. Call attempts to the
user number will continue to...
- ...the HLR 73 as being registered with the
"Virtual" BSC, or interface unit, 52, any **other** data messages intended
for the user will also be routed to the interface unit 52...
- ...is depicted in Figures 1 1 and 1 2.
The system can be categorised into **two** main components: namely the
onboard part 1 01 (Figure 1 1) and the fixed part 102 (Figure 1 2). which
communicate with each **other** through a satellite connection 6. The
onboard part (Figure 1 1) 5 comprises a moveable...
- ...3 of the tracking radio system. The fixed part 102 (Figure 12) is itself
in **two** parts, namely a satellite ground station 4, which is similar to
that shown in Figure...
- ...cellular network 104, which is a public land mobile network (PLMN), in
turn interconnected with **other** PLMNs 70 and conventional wired networks
(PSTN) 8 to allow calls to be made between...with a "Wireless PBX"

facility, as users on board the aircraft can communicate with each **other** through the 1 5 BSC 114 without using the satellite link 4 - 6 - 113. When...

...connects the call without the use of any inter-MSC links. Thus calls made between **two** users both on board the aircraft 101 may be made without the use of the...

...to use this service provided they are subscribers to the host network 104, or any **other** network 70 which has a "roaming" agreement with the host network 104, provided the subscriber...

...association with the mobile identity code OMSO, and stores it in a memory 119. For **aircraft** fitted with at- **seat** satellite telephone equipment, each handset has an identity code (generally related to the number of...

17/3,K/8 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00496140 **Image available**

GATEWAY APPARATUS FOR DESIGNING AND ISSUING MULTIPLE APPLICATION CARDS
DISPOSITIF PASSERELLE PERMETTANT DE CONCEVOIR ET DE DELIVRER DES CARTES
POLYVALENTES

Patent Applicant/Assignee:

MACKENTHUN Holger,

Inventor(s):

MACKENTHUN Holger,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9927492 A1 19990603

Application: WO 98US24946 19981121 (PCT/WO US9824946)

Priority Application: US 97977410 19971124

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP NZ SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 7567

Fulltext Availability:

Detailed Description

Detailed Description

... mobile phone or an access terminal such as a computer terminal integrated into the passenger **seats** of **airplanes**. A **communication link** 20L between the computer of the card requester 10 and the gateway apparatus 30 can...

17/3,K/9 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00494978 **Image available**

UNIVERSAL POWER SUPPLY

SYSTEME D'ALIMENTATION POLYVALENT

Patent Applicant/Assignee:

LIFESTYLE TECHNOLOGIES,

Inventor(s):

POTEGA Patrick H,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9926330 A2 19990527
Application: WO 98US24403 19981117 (PCT/WO US9824403)
Priority Application: US 9765773 19971117

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
TD TG

Publication Language: English

Fulltext Word Count: 68827

Fulltext Availability:

Detailed Description

Detailed Description

... two others. Each addressable power supply polls the others in what can be, on an **aircraft**, a three- **seat** network cluster, to ascertain each of their total 5 power load schedules. If one unit...This information is available through the RJ-45 port, and almost all smart batteries use **two** (Dallas I -wire) or three conductors at the connector for this data. As explained below...to identify its utility as a triI 0 directional interface.

Adjacent to connector 4 is **another** connector (e.g., a **second** RJ-45 connector).

As previously described, a technician may perform system diagnostics via this access...is sent to PD-4 (it can also be sent to PD- I or any **other** device capable of interpreting the data) as raw output. The Sensor Array is a schematic...1) The modulator/demodulator (MD). By using a standard 1/2-card fax modem board, **two** benefits are achieved. The MD is available for powerline modulation, but also there is a...

...Developed by David Simm, this hardware/software creates a virtual surrogate battery, which looks to **other** hardware and software throughout the system as if a real battery pack were present. This...a key element in the overall power management scheme.

I 0 An auto-reset and **other** self-recovery methods are employed to ensure reliable performance. Because it is impossible to determine...

...VDC (commonly used on commercial aircraft) and 12 VDC (automotive). For this degree of universality, **two** converters I and 2 are required. Power converter I preferably accepts a standard 80240 VAC...

...accepts a range of DC input voltages from 5-30 VDC, but as noted above, **two** of the common DC input voltages referenced here are 28 VDC and 12 VDC. Converters...

...power supply 26, and any DC input to power source 2 is also acceptable. As **another** example, power converters I and 2, when equipped with the

...e.g., for a standard car cigarette lighter receptacle, or one or more of the **two** proprietary connectors used by the EmPower 1 5 (Olin Aerospace, Redmond, WA) in-flight power...

...makes 15 VDC available to the passenger, via several power receptacles embedded in the passenger **seat**, but the **aircraft** 's power bus is 28 VDC (or, alternately, 1 1 5 VAC @ 400 Hz).

Power...

17/3,K/10 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00445412 **Image available**

SEATING PLAN ARRANGEMENTS FOR AN AIRCRAFT CABIN
PLANS DE REPARTITION DES SIEGES POUR CABINE D'AVION

Patent Applicant/Assignee:

BAR-LEVAV Reuven,

Inventor(s):

BAR-LEVAV Reuven,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9835876 A1 19980820

Application: WO 98US1863 19980130 (PCT/WO US9801863)

Priority Application: US 97801799 19970214

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8054

Fulltext Availability:

Detailed Description

Detailed Description

... plus a
variety of innovative additional amenities all based on
and using the new interactive **communication system**. The
aircraft included in these **seating** configuration
drawings are Boeing 747, Boeing 777 and Airbus A330, but
this list is not...

17/3,K/11 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00147676 **Image available**

VIDEO APPARATUS INTEGRAL WITH PASSENGER SEAT TRAY
APPAREIL VIDEO FAISANT CORPS AVEC LE PLATEAU DU SIEGE DU PASSAGER

Patent Applicant/Assignee:

GREENWALD Larry H,

Inventor(s):

GREENWALD Larry H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8804566 A1 19880630

Application: WO 86US2789 19861222 (PCT/WO US8602789)

Priority Application: WO 86US2789 19861222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE BG BR CH DE DK FI FR GB HU IT JP KP LU MC MG NL NO RO SE US

Publication Language: English

Fulltext Word Count: 5423

Fulltext Availability:

Detailed Description

Detailed Description

... games in general and

more particularly to a video game which is constructed as in
integral unit of an airplane passenger **seat** tray.

It is well known that long airplane f lights can be
extremely tedious to...

...object to provide a video game apparatus
which can be employed on an aircraft or **other** vehicle which
can be utilized by the passenger to occupy his time during
long flights,

BRIEF DESCRIPTION OF THE FIGURES

Figure 1 is a side elevation view of an **airplane**
passenger **seat** employing a tray.

Figure 2 is a rear view of the **airplane** passenger **seat**
and tray.

Figure 3 is top plan view showing a video game
apparatus incorporated in...

...by a passenger of
an airplane comprising a tray mounted on the rear of an
airplane seat in front of a passenger **seat**, said tray having
an internal hollow with a top rectangular aperture on a top
surface...

36/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00794229

Data communication apparatus and method
Datenubertragungsvorrichtung und -verfahren
Appareil et procede de communication de donnees

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,
Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Kosaka, Masahiko, c/oCanon K.K, 30-2, Shimomaruko 3 chome, Ohta-ku, Tokyo
, (JP)

LEGAL REPRESENTATIVE:

Leson, Thomas Johannes Alois, Dipl.-Ing. et al (78983), c/o TBK-Patent,
P.O. Box 20 19 18, 80019 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 740455 A2 961030 (Basic)
EP 740455 A3 970910
EP 740455 B1 030702

APPLICATION (CC, No, Date): EP 96106464 960424;

PRIORITY (CC, No, Date): JP 9599313 950425

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-001/32

ABSTRACT WORD COUNT: 155

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	746
CLAIMS B	(English)	200327	1141
CLAIMS B	(German)	200327	1016
CLAIMS B	(French)	200327	1319
SPEC A	(English)	EPAB96	4521
SPEC B	(English)	200327	4513
Total word count - document A			5268
Total word count - document B			7989
Total word count - documents A + B			13257

INTERNATIONAL PATENT CLASS: H04N-001/32

...SPECIFICATION recording. A MODEM 108 performs modulation on a facsimile reception signal.

An NCU (Network Control Unit) 109 transmit a communication -destination selection signal (dial pulses or a multi - frequency tone signal) onto a wire communication line 120 via a wire line I/F (interface) 117, or...

...SPECIFICATION recording. A MODEM 108 performs modulation on a facsimile reception signal.

An NCU (Network Control Unit) 109 transmit a communication -destination selection signal (dial pulses or a multi - frequency tone signal) onto a wire communication line 120 via a wire line I/F (interface) 117, or...

39/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01174594

Multiple program decoding for digital audio broadcasting and other applications

Mehrfachprogrammdekodierung für den digitalen Hörfunk und für andere Anwendungen

Decodage de programmes multiples pour la radiodiffusion numérique et pour d'autres applications

PATENT ASSIGNEE:

LUCENT TECHNOLOGIES INC., (2143720), 600 Mountain Avenue, Murray Hill,
New Jersey 07974-0636, (US), (Applicant designated States: all)

INVENTOR:

Sinha, Deepen, 169 Noe Avenue, Chatam, New Jersey 07928, (US)
Sundberg, Carl-Erik Wilhelm, 25 Hickory Place A-11, Chatham, New Jersey
07928, (US)

LEGAL REPRESENTATIVE:

Williams, David John et al (86433), Page White & Farrer, 54 Doughty
Street, London WC1N 2LS, (GB)

PATENT (CC, No, Kind, Date): EP 1024617 A2 000802 (Basic)

APPLICATION (CC, No, Date): EP 300377 000119;

PRIORITY (CC, No, Date): US 238137 990127

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04H-001/00

ABSTRACT WORD COUNT: 217

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200031	592
SPEC A	(English)	200031	5567
Total word count - document A			6159
Total word count - document B			0
Total word count - documents A + B			6159

...CLAIMS a corresponding one of the plurality of outer code decoders, and each generating an output **signal** for one of the **plurality** of programs.

12. A method of decoding a plurality of programs **transmitted** in a **communication system**, the method comprising the steps of:
decoding frames containing the programs, wherein a given frame...

39/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00309085

Passenger vehicle polling systems and methods.

Abfragesysteme und -methoden für Passagierfahrzeuge.

Systemes et methodes d'interrogation pour vehicules a passagers.

PATENT ASSIGNEE:

SONY CORPORATION, (214021), 7-35 Kitashinagawa 6-chome Shinagawa-ku,
Tokyo 141, (JP), (applicant designated states: AT;DE;ES;FR;GB;IT;NL)

INVENTOR:

Matsuzaki, Atsushi c/o Patent Division, Sony Corporation 6-7-35,
Kitashinagawa, Shinagawa-ku Tokyo 141, (JP)
Tagawa, Koichi c/o Patent Division, Sony Corporation 6-7-35,
Kitashinagawa, Shinagawa-ku Tokyo 141, (JP)
Yamashita, Masami c/o Patent Division, Sony Corporation 6-7-35
Kitashinagawa, Shinagawa-ku Tokyo 141, (JP)
Kondo, Yoshiyuki c/o Patent Division, Sony Corporation 6-7-35
Kitashinagawa, Shinagawa-ku Tokyo 141, (JP)

LEGAL REPRESENTATIVE:

Pilch, Adam John Michael et al (50481), D. YOUNG & CO., 21 New Fetter
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 278717 A2 880817 (Basic)
EP 278717 A3 891129
EP 278717 B1 931215

APPLICATION (CC, No, Date): EP 88301036 880208;

PRIORITY (CC, No, Date): JP 8729353 870210; JP 8749818 870304

DESIGNATED STATES: AT; DE; ES; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: B64D-011/00; G07C-003/00; H04N-007/173;

ABSTRACT WORD COUNT: 181

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2284
CLAIMS B	(German)	EPBBF1	1454
CLAIMS B	(French)	EPBBF1	1950
SPEC B	(English)	EPBBF1	8156
Total word count - document A			0
Total word count - document B			13844
Total word count - documents A + B			13844

...SPECIFICATION system.

A time-division-multiplexed signal S(sub(CA2)) appears at an output
terminal 0 of the encoder 7. The signal S (sub(CA2)) includes
the plurality of digitally converted audio signals generated in the
encoder 7, the control data (SC(sub...

39/3,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00749027 **Image available**

UNIVERSAL SYNCHRONOUS NETWORK SYSTEM FOR INTERNET PROCESSOR AND WEB
OPERATING ENVIRONMENT

SYSTEME DE RESEAU SYNCHRONE UNIVERSEL POUR PROCESSEUR INTERNET ET
ENVIRONNEMENT DE FONCTIONNEMENT INTERNET

Patent Applicant/Assignee:

STANFORD SYNCOM INC, 2390 Walsh Avenue, Santa Clara, CA 95051, US, US
(Residence), US (Nationality)

Inventor(s):

TRANS Francois, 1504 Clay Drive, Los Altos, CA 94024, US

Legal Representative:

MCNELIS John T, Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA
94306, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062470 A1 20001019 (WO 0062470)

Application: WO 2000US10101 20000414 (PCT/WO US0010101)

Priority Application: US 99129314 19990414; US 99417528 19991013; US
99444007 19991119; US 99170455 19991213; WO 68US42 20000315

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 97387

Fulltext Availability:

Detailed Description

Detailed Description

... channel capacity and data for every hertz of signal frequency.

1) Summary of Wireless Advanced **Signal** Equalization Techniques
Multi -path propagation is one of the most challenging problems encountered in a **wireless** data **communication link** . It cause signal fading, inter-symbol interference (ISI) due to channel delay spread and doppler...same as possible; as an example in the case of frequency and phase.

In a **multiple** Com2000Tm encoded **signal** environment, the present invention accurately measures the signal parameters in the wireline or **wireless** digital data **communication system** .

Measurements include analyzing the Com2000TM UniNet QAM code phase modulator and demodulator, characterizing the transmitted...

39/3,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00431374 **Image available**

AERONAUTICAL CELLULAR NETWORK

RESEAU DE TELEPHONIE CELLULAIRE AERONAUTIQUE

Patent Applicant/Assignee:

NOKIA TELECOMMUNICATIONS OY,
SINIVAARA Hasse Kristian,

Inventor(s):

SINIVAARA Hasse Kristian,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9821838 A1 19980522

Application: WO 96EP4912 19961111 (PCT/WO EP9604912)

Priority Application: WO 96EP4912 19961111

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ
BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 2221

Fulltext Availability:
Detailed Description

Detailed Description

... extended length of radio frequency cables is also liable to cause interference. The distribution of **seat** positions within an **aircraft** makes it impossible to have equal **signal** distribution from a **plurality** of user locations within the aircraft to a common Base Transceiver Station (BTS) which...

43/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00933736

Remote control for cable television delivery system

Fernbedienung für Kabelfernsehverteilungssysteme

Telecommande pour systèmes de distribution de télévision par câble

PATENT ASSIGNEE:

DISCOVERY COMMUNICATIONS, INC., (1818010), 7700 Wisconsin Avenue,,
Bethesda, MD 20814-3522, (US), (Proprietor designated states: all)

INVENTOR:

Hendricks, John, S./8723 Persimmon Tree Road, Potomac, MD 20854, (US)
Bonner, Alfred, E./8300 Bradley Boulevard, Bethesda, MD 20817, (US)
Wunderlich, Richard, E./290 Sweet Briar Court, Alpharetta, GA 30201, (US)
Berkobin, Eric, C./108 Hillview Court, Woodstock, GA 30188, (US)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf & Partner (100941), Maximilianstrasse 54, 80538
München, (DE)

PATENT (CC, No, Kind, Date): EP 849948 A2 980624 (Basic)
EP 849948 A3 980708
EP 849948 B1 020313

APPLICATION (CC, No, Date): EP 98100155 931202;

PRIORITY (CC, No, Date): US 991074 921209

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; NL; PT;
SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 673583 (EP 94904392)

INTERNATIONAL PATENT CLASS: H04N-007/16

ABSTRACT WORD COUNT: 175

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199826	3061
CLAIMS B	(English)	200211	3171
CLAIMS B	(German)	200211	2695
CLAIMS B	(French)	200211	3810
SPEC A	(English)	199826	22497
SPEC B	(English)	200211	22653
Total word count - document A			25562
Total word count - document B			32329
Total word count - documents A + B			57891

...SPECIFICATION and recombines the signals and digital information received from the operations center 202 and allocates **different** portions of the **signal** to **different** frequency ranges. Cable headends 208 which offer different subscribers different program offerings may allocate the program...

...SPECIFICATION and recombines the signals and digital information received from the operations center 202 and allocates **different** portions of the **signal** to **different** frequency ranges. Cable headends 208 which offer different subscribers different program offerings may allocate the program...

43/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00869547 **Image available**

ADVANCED SET TOP TERMINAL HAVING A VIDEO CALL FEATURE
TERMINAL DE DECODAGE D'AVANT-GARDE DOTE D'UN DISPOSITIF D'APPEL VIDEO

Patent Applicant/Assignee:

DISCOVERY COMMUNICATIONS INC, 7700 Wisconsin Avenue, Bethesda, MD
20814-3422, US, US (Residence), US (Nationality)

Inventor(s):

ASMUSSEN Michael L, 2627 Meadow Hall Drive, Oak Hill, VA 20171, US,

Legal Representative:

VIETZKE Lance L (et al) (agent), Dorsey & Whitney LLP, Suite 300 South,
1001 Pennsylvania Avenue, N.W., Washington, DC 20004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200203693 A1 20020110 (WO 0203693)

Application: WO 2001US16501 20010627 (PCT/WO US0116501)

Priority Application: US 2000609316 20000630

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 37092

Fulltext Availability:

Detailed Description

Detailed Description

... or demultiplexes and recombines the signals and digital information
received from the operations, center 202 and allocates **different** portions
of the **signal** to **different frequency** ranges. Cable headends 208
which offer different subscribers different program offerings may
allocate the program...

43/3,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00246356

PROGRAMMABLE UNIVERSAL MODEM SYSTEM AND METHOD FOR USING THE SAME
SYSTEME DE MODEM UNIVERSEL ET PROGRAMMABLE, ET PROCEDE D'UTILISATION

Patent Applicant/Assignee:

SPECTRUM INFORMATION TECHNOLOGIES INC,

Inventor(s):

SAINTON Joseph B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9320643 A1 19931014

Application: WO 93US2937 19930406 (PCT/WO US9302937)

Priority Application: US 92568 19920406

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO
PL RO RU SD SE SK UA VN AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 13401

Fulltext Availability:

Detailed Description

Detailed Description

... modem 110 and transmitted over the tip
and ring lines to the landline telephone system. **Dual**
tone **multi - frequency** **signal** generation may be provided
as a capability of data pump 208, or a separate DTMF...

44/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01399728

System for viewing visual content
System zur Betrachtung eines visuellen Inhalts
Systeme pour visualiser un contenu visuel

PATENT ASSIGNEE:

Xybernaut Corporation, (2204370), Hyatt Plaza, Suite 550, 12701 Fair
Lakes Circle, Fairfax, Virginia 22033, (US), (Applicant designated
States: all)

INVENTOR:

Newman, Edward G., 8515 Hampton Way, Fairfax Station, Virginia 22039,
(US)

LEGAL REPRESENTATIVE:

Borchert, Uwe Rudolf, Dipl.-Ing. et al (75221), Puschmann & Borchert
Patentanwalte European Patent Attorneys Postfach 10 12 31, 80086
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1185142 A2 020306 (Basic)
EP 1185142 A3 040922
EP 1185142 A3 040922

APPLICATION (CC, No, Date): EP 2001115771 010710;

PRIORITY (CC, No, Date): US 650547 000830

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04S-001/00; A63J-005/10

ABSTRACT WORD COUNT: 229

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200210	522
SPEC A	(English)	200210	3822
Total word count - document A			4344
Total word count - document B			0
Total word count - documents A + B			4344

...SPECIFICATION 109, routes and sends out any audio messages to the
attendees of the events, via **wireless communication link** 110, to be
displayed on the user headset display 103. The computer 109 can also...
plug on it that plugs into a connector which is integral to the movie
theater **seat** . Much like **airplane** headphones, the user merely sits
down and plugs them in. The connector will provide both...embodiment, the
headsets themselves will possess wireless receiving means 108 in order to
receive the **signal** . This could be a **separate** receiver box which is
connected to the headset 103 which could also house the battery
receiver/battery
109 computer/ **transmitter**
110 **communication link**
111 concessions interface
112 selection buttons
113 brightness control
114 focus control
115 position control...

44/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01246759

An apparatus for treating a living organism to achieve a heart load reduction

Vorrichtung zur Behandlung eines lebenden Körpers zur Verringerung der Belastung des Herzens

Dispositif de traitement d'un organisme vivant pour reduire la charge cardiaque

PATENT ASSIGNEE:

CardioRest Ltd., (3090380), Hermannstrasse 18, 8400 Winterthur, (CH),
(Applicant designated States: all)

INVENTOR:

Lapanashvili, Larry V., Hermannstrasse 18, 8400 Winterthur, (CH)
Sturzinger, Christian, Riedhofstrasse 45, 8404 Winterthur, (CH)

LEGAL REPRESENTATIVE:

Manitz, Finsterwald & Partner (100614), Postfach 22 16 11, 80506 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1078649 A1 010228 (Basic)

APPLICATION (CC, No, Date): EP 117449 000811;

PRIORITY (CC, No, Date): US 378181 990820

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61N-001/36

ABSTRACT WORD COUNT: 130

NOTE:

Figure number on first page: 2A

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200109	2239
SPEC A	(English)	200109	21704
Total word count - document A			23943
Total word count - document B			0
Total word count - documents A + B			23943

...SPECIFICATION receiver 257' for the radio signals triggered by the heart pulse rate sensor 253' and **transmitted** via the **transmitter unit** 255' is **integrated** in this embodiment into the pulse generator.

The pulse generator is operated as described previously...noted that the various embodiments of Figs. 12 to 18 can basically operate with two **different** types of pulsating **signal**. The first type of pulsating signal is triggered by a train of impulses, as illustrated...the realization of the invention in combination with a seat which may be a vehicle **seat**, such as an **aircraft seat** or a car seat or it may be a chair used in the patient's...a time within the delay window described earlier. Since this stimulation signal is an electrical **signal** with a magnitude **many** times higher than the heart rate signal itself, the electrical stimulation impulse is transmitted on...

44/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00907668

Localisation registration method in mobile communication system
Verfahren zur Registrierung der Ortsdaten in einer mobilen
Kommunikationsanordnung
Methode d'enregistrement de localisation dans un systeme de communication
mobile

PATENT ASSIGNEE:

ICO Services Ltd., (2234940), 1 Queen Caroline Street, London W6 9BN,
(GB), (applicant designated states:
AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Young, Eddy Ka Ping, 11 Horsley Drive, Kingston-upon-Thames, Surrey, MT2
5GQ, (GB)

Lu, Sze-Ching, 113 St.James Road, Sutton, Surrey, SM1 2TJ, (GB)

LEGAL REPRESENTATIVE:

Read, Matthew Charles et al (47911), Venner Shipley & Co. 20 Little
Britain, London EC1A 7DH, (GB)

PATENT (CC, No, Kind, Date): EP 828354 A2 980311 (Basic)
EP 828354 A3 981223

APPLICATION (CC, No, Date): EP 97306955 970908;

PRIORITY (CC, No, Date): GB 9618738 960909

DESIGNATED STATES: DE; FI; FR; GB; NL; SE

INTERNATIONAL PATENT CLASS: H04B-007/185;

ABSTRACT WORD COUNT: 97

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9811	1145
SPEC A	(English)	9811	9862
Total word count - document A			11007
Total word count - document B			0
Total word count - documents A + B			11007

...SPECIFICATION predetermined orbit.

EP 0562374 and EP 0568778 are believed to describe the "Iridium"
proposed satellite **cellular** mobile **communication system**.

An alternative proposed satellite cellular system is described in EP
0536921 and EP 0506255.

GB...

...the network on receipt of an incoming call by a party who knows on which
aircraft and in which **seat** the customer is sitting, and when the page
is successfully answered by the aeroplane, a...and each lacking an RF
stage capable of direct communication to said communications network; a
plurality of **signal** processing units each capable of being associated
with one of said user interface units; and...

...the cost of the user terminals is reduced.

On the other hand, by providing a **plurality** of **signal** processing
units (e.g. including the baseband processing stages such as low bit rate
coding...

...terminal apparatus readily to be integrated into a satellite or
terrestrial cellular network.

By maintaining **separate signal** processing circuits (e.g. each
including a signalling stage) for multiple users, routing of incoming...
network. A multiplexer 46 is arranged to receive switched calls from the
switch 44 and **multiplex** them into a composite **signal** for supply to
the amplifier 26 via a low bit-rate voice codec 50. Finally...transmitted
signal is picked up by one or more satellites 4. Under normal

circumstances, the **signal** is picked up by **multiple** satellites 4 and forwarded to the earth station node or nodes 6 with which the...station node 6, the earth station node 6 determines (step 3010) whether the location update **signal** includes a **multi** -carrier IMEI code, and if so, the earth station node 6 reads the list of...

...CLAIMS for every one of said users.

2. Apparatus according to claim 1, further comprising a **plurality** of **signal** processing units (324) arranged to encode and decode signals from users of said user terminals...

...claim 17 in which the control device (28) is arranged to recognise an equipment identity **signal** (IMEI) indicative of a **multi** user communications terminal apparatus, and in which each said user of said multi user communications...

...and each lacking an RF stage capable of direct communication to said communications network;

a **plurality** of **signal** processing units (30;324) each capable of being associated with one of said user interface...

44/3,K/4 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00860420 **Image available**

**METHOD AND APPARATUS FOR DETERMINING THE LOCATION OF A PLURALITY OF USERS
POSITION D'UTILISATEURS**

Patent Applicant/Inventor:

WALKER Nigel John, 1 The Courtyard, Hesket Newmarket, Wigton, Cumbria CA7 8JG, GB, GB (Residence), GB (Nationality)

WHELAN Brian, Braemar, Annan Road, Gretna, Dumfriesshire DG16 5DQ, GB, GB (Residence), GB (Nationality)

Legal Representative:

ALLMAN Peter John (agent), Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200192910 A2-A3 20011206 (WO 0192910)

Application: WO 2001GB2405 20010531 (PCT/WO GB0102405)

Priority Application: GB 200013295 20000531

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8384

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... the location of a user may be determined by correlating the detection of a response **signal** by a **plurality** of receivers.

Preferably, each tag is responsive to two interrogation signals, and more preferably, each...receiving a plurality of distinct 'interrogation signals, and means for responding to a received interrogation **signal**.

Preferably, the **plurality** of distinct interrogation signals comprise a long range RFID interrogation signal and a short range...

...within a predetermined space. The electronic tag comprises an aerial 1 connected to a radio **receiver** and **transmitter unit** 2, in **communication** with a microprocessor 3. The microprocessor '3 is provided with a memory unit 4 for...take any hold baggage. The electronic tag can also allow the passenger to select his **seat** on the **aircraft** by means of the LCI) screen and keyboard, and confirm the seat number to the...

Claim

... and the location of a user is determined by correlating the detection of a response **signal** by a **plurality** of receivers.

4 A method according to any one of claims 1, 2 or j...

...provided to determine the location of a user by correlating the detection of a response **signal** by a **plurality** of receivers. 23). An apparatus according to any one of claims 20, 21 or 22...

44/3,K/5 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00576534 **Image available**

SYSTEMS FOR CONFIGURING AND DELIVERING POWER

SYSTEMES DE CONFIGURATION ET DE DISTRIBUTION DE COURANT

Patent Applicant/Assignee:

POTEGA Patrick H,

Inventor(s):

POTEGA Patrick H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200039907 A1 20000706 (WO 0039907)

Application: WO 99US31195 19991231 (PCT/WO US9931195)

Priority Application: US 98114398 19981231; US 98114412 19981231

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 56881

Fulltext Availability:

Detailed Description

Detailed Description

... g., CD-ROM or WORM), signalbearing media including transmission media such as digital, analog, and **communication links** and **wireless**, and propagated signal media. In an illustrative embodiment, the machine-readable instructions may constitute lines...

...such an embedded power assembly would be an assembly I 00 mounted beneath a passenger **seat** on a commercial **aircraft**.

Passengers can access a power assembly 100 in order to power various electronic devices they...

...aircraft example, is typically a female receptacle mounted on (or in the vicinity of) the **aircraft seat**'s armrest.

Continuing the example cited, passengers can bring abroad a variety of powered devices...

...operate at input voltages from 3-9 volts). Historically, the embedded power unit in an **aircraft seat** has output a fixed voltage (I 5 VDC. Passengers accessing the embedded power unit were...which output a fixed voltage. Non-limiting examples of fixed-voltage power assemblies include the **aircraft seat** units already indicated, as well as a fixed-voltage car cigarette-lighter port (SAE spec...

...pack 134 should be able to connect their powered devices to their cars, or to **aircraft seats** that deliver a fixed 15-volt output.

External power-conversion adapter assembly 400A (Fig. 2B...voltage is 14-16 VDC (software step 804), power box 400 is connected to an **aircraft**'s In- **Seat** Power (ISP) outlet, which typically has a voltage of 15-volts (+/-1 volt). If the...

...communications, as described.

Should power box 400 not have the requisite hardware for modulating a **signal** on a powerline, resistor **array** 509 is used as a simple means to communicate the requisite voltage change. MCU 102...

44/3,K/6 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00444847 **Image available**

TRAVEL RESERVATION AND INFORMATION PLANNING SYSTEM
SYSTEME D'INFORMATION ET DE PLANIFICATION POUR LES RESERVATIONS DE VOYAGE
(TRIPS)

Patent Applicant/Assignee:
DELORME PUBLISHING COMPANY INC,

Inventor(s):
DELORME David M,
GRAY Keith A,
FERGUSON T Angus,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9835311 A1 19980813
Application: WO 98US1823 19980130 (PCT/WO US9801823)
Priority Application: US 97797471 19970206

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English
Fulltext Word Count: 48411
Fulltext Availability:
Detailed Description

Detailed Description

... located" at a restaurant on the way to the airport (see FIGURE I B);
an **airplane seat** or flight reservation with map and/or text
directions to the departure airport and a...of one or more TRIPS 904
communications facilities or service bureaus. FIGURE 9 includes a
wireless communication unit or WCU 907, typically hand-held 906 or
mounted or used in a vehicle 905...global positioning satellite position
sensor, or equivalent user location means. By monitoring signals 909 from
multiple satellites 910, other radio **signal** analyses or
dead-reckoning data computations, position sensors (such as GPS sensor
908) generate data...

44/3,K/7 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00419900 **Image available**

CONDITIONAL PURCHASE OFFER MANAGEMENT SYSTEMS
SYSTEMES DE GESTION D'OFFRES D'ACHAT CONDITIONNELLES

Patent Applicant/Assignee:

WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP,

Inventor(s):

WALKER Jay S,
SCHNEIER Bruce,
SPARICO Thomas M,
CASE T Scott,
JORASCH James A,
VAN LUCHENE Andrew S,
TEDESCO Daniel E,
JINDAL Sanjay K,
WEIR-JONES Toby,
LECH Robert R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9810361 A1 19980312

Application: WO 97US15492 19970904 (PCT/WO US9715492)

Priority Application: US 96707660 19960904; US 97889319 19970708

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE DK DK EE EE ES
FI FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL TJ TM TR TT UA UG UZ VN
YU ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN
TD TG

Publication Language: English
Fulltext Word Count: 64791

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... local or regional telephone operating company. Connection may also be
provided by dedicated data lines, **cellular** , Personal **Communication**

Systems ("PCS"), microwave, or satellite networks. Seller interface 300 and buyer interface 400 are the input...a CPO may allow a customer to specify one or more preferred airline(s), flights, **seat** assignments, **seat** class, **aircraft** type, refund/change rules, or maximum layover time. In a cruise embodiment, the customer-defined...regional telephone operating company.

60

Alternatively, each node may be connected by dedicated data lines, **cellular**, Personal **Communication Systems** ("PCS"), microwave, or satellite networks.

Figure 22 is a block diagram showing the architecture of...information, such as credit card number, carrier(s) and flight number(s) for all segments, **seat** assignments, inventory class, **aircraft** type, airline-issued authorization code for discounted fare, selling price, and additional comments.

As discussed...billing information, such as credit card number, flight number(s) for all segments, carrier(s), **seat** assignments, inventory class, **aircraft** type, airline-issued authorization code for discounted fare, selling price, and additional comments.

Thereafter, during...regional telephone operating company. Alternatively, each node may be connected by

97

dedicated data lines, **cellular**, Personal **Communication Systems** ("PCS"), microwave, or satellite networks.

Figure 46 is a block diagram showing the architecture of...one based on an Intel 80386 microprocessor, that is connected to a modern or other **remote communication device**. A customer desiring to purchase a product (good or service) operates the borrower terminal 7414...may each be (i) located entirely within a single computer; (ii) connected thereto by a **remote communication link**, such as a serial port cable, telephone line or radio frequency transceiver-, or (iii) a...from a third party (step 8272).

146

The central controller stores at least one rule **signal** from each of a **plurality** of sellers (step 8274). Each rule signal includes at least one seller-defined restriction. Some...

Claim

... informational signal relevant to the offer from a third party;
store at least one rule **signal** from each of a **plurality** of sellers, each rule **signal** including at least one seller-defined restriction;
compare the offer signal and the informational signal...

44/3,K/8 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00208296 **Image available**
AN ELECTRONIC PRICING SYSTEM
SYSTEME ELECTRONIQUE D'AFFICHAGE DES PRIX
Patent Applicant/Assignee:
JENSEN Karl Peter,

Inventor(s):

JENSEN Karl Peter,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9205499 A1 19920402

Application: WO 91DK280 19910919 (PCT/WO DK9100280)

Priority Application: DK 226190 19900919

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AT AU BB BE BF BG BJ BR CA CF CG CH CH CI CM DE DE DK DK ES ES FI FR
GA GB GB GN GR HU IT JP KP KR LK LU LU MC MG ML MR MW NL NL NO PL RO SD
SE SE SN SU TD TG US

Publication Language: English

Fulltext Word Count: 10000

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... applications, e.g. within the technical field of informing passengers in trains, buses or **airplanes** regarding reservations of **seats** or the like, the technical field of informing customers in stores, offices, retail shops, general...wireless transmitter means for receiving the transmission signal therefrom and for wireless transmitting the transmission **signal**, a **plurality** of electronic pricing modules each having a specific address code and each including a wireless...system 20 through a data transmission line, e.g. a public data transmission line, a **telephone** line, a **wireless communication link**, etc, or a combination thereof, The input/output module 12 communicates with a back...

Claim

... wireless transmitter

means for receiving said transmission signal therefrom and for wireless transmitting said transmission **signal**, a **plurality** of electronic pricing modules each having a specific address code and each including a wireless...

File 9:Business & Industry(R) Jul/1994-2005/Oct 31
 (c) 2005 The Gale Group
 File 15:ABI/Inform(R) 1971-2005/Oct 31
 (c) 2005 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2005/Oct 28
 (c) 2005 The Gale Group
 File 20:Dialog Global Reporter 1997-2005/Oct 31
 (c) 2005 Dialog
 File 47:Gale Group Magazine DB(TM) 1959-2005/Oct 31
 (c) 2005 The Gale group
 File 75:TGG Management Contents(R) 86-2005/Oct W4
 (c) 2005 The Gale Group
 File 80:TGG Aerospace/Def.Mkts(R) 1982-2005/Oct 28
 (c) 2005 The Gale Group
 File 88:Gale Group Business A.R.T.S. 1976-2005/Oct 31
 (c) 2005 The Gale Group
 File 98:General Sci Abs/Full-Text 1984-2004/Dec
 (c) 2005 The HW Wilson Co.
 File 112:UBM Industry News 1998-2004/Jan 27
 (c) 2004 United Business Media
 File 141:Readers Guide 1983-2004/Dec
 (c) 2005 The HW Wilson Co
 File 148:Gale Group Trade & Industry DB 1976-2005/Oct 31
 (c)2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2005/Oct 28
 (c) 2005 The Gale Group
 File 264:DIALOG Defense Newsletters 1989-2005/Oct 31
 (c) 2005 Dialog
 File 484:Periodical Abs Plustext 1986-2005/Oct W4
 (c) 2005 ProQuest
 File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
 (c) 2005 The HW Wilson Co
 File 570:Gale Group MARS(R) 1984-2005/Oct 28
 (c) 2005 The Gale Group
 File 608:KR/T Bus.News. 1992-2005/Oct 31
 (c)2005 Knight Ridder/Tribune Bus News
 File 620:EIU:Viewswire 2005/Oct 19
 (c) 2005 Economist Intelligence Unit
 File 613:PR Newswire 1999-2005/Oct 31
 (c) 2005 PR Newswire Association Inc
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Oct 31
 (c) 2005 The Gale Group
 File 623:Business Week 1985-2005/Oct 27
 (c) 2005 The McGraw-Hill Companies Inc
 File 624:McGraw-Hill Publications 1985-2005/Oct 31
 (c) 2005 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2005/Oct 29
 (c) 2005 San Jose Mercury News
 File 635:Business Dateline(R) 1985-2005/Oct 29
 (c) 2005 ProQuest Info&Learning
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Oct 28
 (c) 2005 The Gale Group
 File 647:CMP Computer Fulltext 1988-2005/Oct W3
 (c) 2005 CMP Media, LLC
 File 696:DIALOG Telecom. Newsletters 1995-2005/Oct 31
 (c) 2005 Dialog
 File 674:Computer News Fulltext 1989-2005/Oct W2
 (c) 2005 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 587:Jane's Defense&Aerospace 2005/Oct W4
(c) 2005 Jane's Information Group

Set	Items	Description
S1	2286108	(COMMUNICATION OR INTEGRA?) (3N) (DEVICE?? OR UNIT?? OR SYST-EM?? OR LINK??)
S2	1079734	TRANSMITTER?? OR TRANSMIT??? OR TRANSCEIVER??
S3	487229	RECEIVER?? OR RECEIVER?? (3N)SPEAKER
S4	5044805	WIRELESS OR WIRELESS(3N) (LINK?? OR LAN) OR WIRELESS OR REM-OTE?? OR REMOTE()CONTROL? OR CELLULAR
S5	596494	BLUETOOTH OR USB OR WAN OR IEEE(3N)802()1? OR (BLUETOOTH OR USB OR IEEE(3N)108()1?) (10N) (BUS OR NETWORK)
S6	112142	WIRELESS(3N) (TELEPHON? OR MOBILE()TELEPHON? OR MOBILE()TEL-EPHON?()NETWORK??)
S7	86200	(CHANNEL?? OR FREQUENC? OR PRE()SELECTED()FREQUENC? OR FRE-QUENC?()RE()USE OR FREQUENCY()REUSE) (5N) (SIGNAL? OR (AUDIO OR VIDEO OR DATA OR INTERCOM) (3N)SIGNAL?)
S8	106899	(AIRCRAFT?? OR AIRPLANE?? OR HELICOPTER?? OR SPACE()SHUTTLE OR JET?? OR CONCORDE OR AIR?()BUS) (3N) (SEAT? OR CHAIR??)
S9	7237	(ATLEAST()ONE OR ONE OR 1 OR PRIMARY OR SINGLE OR UNITARY)-(3N)S8
S10	10833	(SECOND? OR TWO OR ANOTHER OR OTHER OR NEXT) (3N) (SEAT OR C-HAIR) (3N)S8
S11	13	(PLURAL? OR PLURAL? OR MANY OR NUMEROUS OR ARRAY?? OR MULTI OR MULTIPLE) (3N) (S9(20N)S10)
S12	1	AU=(RYBERG, M? OR RYBERG M?)
S13	226062	(DISPARATE OR DIFFERENT OR SEPARATE OR DISSIMILAR OR DUAL - OR MULTIPLE?? OR PLURAL? OR MANY OR NUMEROUS OR ARRAY OR MULTI OR MIX???) (5N) (SIGNAL? OR RECEPTION)
S14	1929414	(ATTACH? OR INSERT? OR CONNECT? OR INTEGRAL OR COUPL? OR I-NTERCONNECTED OR INTEGRAT? OR INCORP? OR ADJOIN? OR MOUNT?? OR MOUNTING OR FIXED) (3N)S1
S15	0	S12 NOT SUBSTRATE
S16	58	(S8:S11) (3N) (S2:S6)
S17	1	S16(3N) (S1 OR S14)
S18	0	S16(20N)S13
S19	0	S16 AND S13
S20	0	S16 AND S7
S21	44	RD S16 (unique items)
S22	25	S21 NOT PY>2000
S23	0	S22 NOT (FLEET OR IT OR BAIJAL OR FARES OR COMED OR CHINA - OR TWIST OR IMAGE OR WAEA OR FINNISH OR CULTURE OR TRANSOCEAN OR PETITIONS OR HATCHES OR LADE OR LEAGUES OR SAFETY OR UAV)
S24	75	(S8:S11) (3N) (S1 OR S14)
S25	6	S24(3N) (S2:S6)
S26	5	RD (unique items)
S27	0	S26 AND S13
S28	0	S26 AND S7
S29	3	S26 NOT PY>2000

17/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

03152519 Supplier Number: 104634985 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Dual cameras evaluate ceramic circuit boards: inspection workstation
integrates imaging hardware and software to compare digital data with
stored templates for assessing multilayer boards. (Vision Solutions
Profile).

Vision Systems Design, v 8, n 6, p 25
June 2003
DOCUMENT TYPE: Journal ISSN: 1089-3709 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1581

TEXT:
...Beaverton, OR), manufactures printed-circuit boards (PCBs) for, among
others, a customer that supplies commercial **aircraft** with in- **seat**
wireless communication systems . These high-frequency systems require
more than standard plastic circuit boards, however. "Ceramic circuit boards

29/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01102537 97-51931

Top 10 government contractors

Shoop, Tom

Government Executive v27n8 PP: 76-90 Aug 1995

ISSN: 0017-2626 JRNL CODE: GOV

WORD COUNT: 5373

...TEXT: 27 million.

Whatever happens with major aircraft procurement, Northrop will have a future in electronics **systems integration**, especially for airborne platforms. The company's Joint Surveillance Targeting Attack Radar System (Joint STARS...three contractor teams working to develop the X-33, NASA's planned successor to the **space shuttle**.

7. Boeing Seattle

While other defense contractors blanch at the sight of the Pentagon budget's free-fall...Boeing signed an eight-year, \$5.6 billion contract for the design, development, construction and **systems integration** of the station. Major components of the station are scheduled to be launched in 1997...without further acquisitions, Loral now has an impressive array of defense electronics, communications, space and **systems - integration** contracts. And it continues to rack up new business.

After spending a year restructuring its...

29/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01259029 Supplier Number: 41462982 (USE FORMAT 7 FOR FULLTEXT)

Litton Team Wins

Electronic News (1991), p8

July 30, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 103

Litton will **integrate** the **system** and build the **integrated** fiber optic gyro heart of the system. Rockwell Collins Government Avionics division, Cedar Rapids, Iowa, will supply a miniature gallium arsenide GPS **receiver** that processes the navigational signals from the Navstar satellite for updating the fiber optic gyro.

Boeing Military **Airplane** Co., **Seattle**, is team member to **integrate** the test navigation **system** into a variety of military tactical and strategic platform.

29/3,K/3 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

11988381 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Ultra Electronics Ho - Interim Results

REGULATORY NEWS SERVICE

July 17, 2000

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3111

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Division's focus. Information systems provided by this Division include data links, the air defence **systems integrator**, airport information and management systems and tactical mapping systems.
No businesses or activities have transferred...

... of aircraft supplied by Airbus could be extended further by A3XX, the 550 to 600 **seat jet** and A400M military transport.

OPERATIONAL REVIEW

Air & Land Systems

Total sales increased by #9.8m...new sonobuoys entered production in the UK and US. In the related area of sonobuoy **receivers**, deliveries started to Boeing of equipment for the RAF's new maritime patrol aircraft, Nimrod...

... is based in Preston, UK. It specialises in software development and management for military products, **system integration** and internet based shared data environments. Trading to 30 June 2000 was in line with...

... airport IT system for baggage reconciliation, and the Division is now able to offer airport **system integrators** a comprehensive range of advanced management systems.

MANAGEMENT TEAM

During the first half of the..